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THE BLUE BOOK OF BULBS

1913

Chester Jay Hunt
Montclair · New Jersey

THE BLUE BOOK

OF BIRDS

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Late Tulips in One of My Trial Borders

THE
BLUE BOOK OF
BULBS



1913

CHESTER JAY HUNT
MONTCLAIR • NEW JERSEY



IN preparing my lists of Spring-flowering Bulbs for the present season, it has seemed unfair to discriminate against the high standard of my general catalogue by issuing a separate booklet containing the newer and rarer Daffodils. By combining the two lists, I should place these unusual sorts among an already select and exhaustive number of varieties, the result being merely to add final completeness to my larger book. Such a list must no longer be regarded as a mere catalogue; it becomes a handbook to this class of plants.

In the hope that this change in my publications will merit the approval of connoisseurs, I take pleasure in submitting to you The Blue Book of Bulbs. This edition is limited to three thousand copies, of which this is number 904.

Chester Jay Hunt



Cream Quality

in bulbs means more than a mere name. A certain percentage of every year's crop consists of what the Holland growers regard as the cream of the bulbs; it produces the finest flowers and brings the highest prices. Practically all these extra-quality bulbs at present find a market in England, where, more than anywhere else, purchasers are always ready to spend a trifle more money to obtain the finest bulbs. This Cream Quality is eagerly sought for, and usually all of it is bought up before harvesting begins. To secure these extra-quality bulbs, I have arranged with my growers to hold their choicest stocks subject to my order. This arrangement is effective only until July first, and is contingent upon the payment of a moderate advance over the prices for ordinary first quality. Only this grade is offered in my list, except where ordinary sizes are specifically quoted.

Furthermore, a Cream Quality list nowadays bears little resemblance to any of the lists of a dozen years ago, for the improvement in all classes of bulbs has been so marked that a great many of the older favorites are unworthy of a place in the modern garden. This Blue Book retains only the cream of the older kinds and adds the best of the newer sorts. In making selections from my list, then, there is no chance of being misled by an attractive color-description into choosing any of the many varieties of which the growers have large stocks, and which are in demand solely because of their low price without regard to quality. An additional advantage my list possesses is that, as I import my bulbs only to order and carry no large stocks, I am able to offer a far wider range of varieties than I could do if I had to assume the risk of bulbs remaining unsold at the end of the season.

THE BLUE BOOK OF BULBS

The descriptions of varieties in *The Blue Book* will be found unusually elaborate in their detail; in every case they have been taken from flowers actually grown in my trials, except where it is stated that I give the grower's description. Gratifying evidence of the accuracy and value of my descriptions is shown by the fact that they have been made the basis of descriptions in other American lists, and that several of the Holland growers have paid me the compliment of using them.

The season of 1912 in the Holland bulb markets was noteworthy because of the enormous demand for the Late Tulips, particularly for the Darwins and Breeders. The continued popularity of these Tulips has brought on a situation very similar to the historic Tulip mania, and were it not that the growers had already developed large stocks previous to this sudden demand, it would be almost impossible to obtain them. Prices have been advanced quite generally, and, in the case of those varieties existing only in small quantities, have become almost prohibitive. Three or four years ago the public taste ran to the different shades of red; but, beginning two years ago, and becoming very noticeable last season, the demand turned to the lavender, purple and brown tones, so that all Late Tulips in these colors are likely to be rather scarce for a time. Many of the growers are reserving certain stocks for propagating purposes, and this will tend to take some varieties out of the market. Alterations of this sort can be noted in my lists as compared to last year's, but I have all the best varieties under observation, and purpose restoring them to my lists as soon as I can depend on the crop being large enough to warrant my accepting orders for them.

Visitors

In my trials, each season, I test all the varieties listed in *The Blue Book*, so that I may have first-hand knowledge of the character of the stocks I send out. Besides these, I grow many other standard sorts and novelties. During the spring of 1913 I shall have in flower over two hundred and

SUGGESTIONS AND INVITATION

fifty varieties of Early and Late Tulips, and over one hundred and fifty of Daffodils, including a large number of the finest productions of the European raisers. The Daffodils, usually, are in flower during the latter half of April and the first week in May, the Early Tulips through the last week of April and the first week of May, while the Late Tulips begin about the middle of May. Visitors to my trials are always welcome, and, upon request, notice will be sent of the dates upon which the flowers will be at their best.

Orders

As all my bulbs are imported to order, **customers must send me their orders on or before June 25.** On orders received after that date and up to August 1, I will supply Cream Quality bulbs if possible; but, on these late orders the customer should specify whether the grade usually sold as first size should be substituted if Cream Quality bulbs are not obtainable. If requested, on late orders I will notify customers as to what quality I can furnish. I shall be glad to quote prices on any bulbs not included in this list. No order for less than five bulbs will be entered, except where prices are quoted per single bulb, nor can I accept orders amounting to less than one dollar. After August 1, it is impossible for me to arrange for the cancellation of orders.

Note

It is impracticable, owing to contingencies of soil, climate, season or faulty planting, to give complete assurance that all bulbs I send out will flower satisfactorily. I do warrant my bulbs to be as represented, and that they are all true to name, except in the case of those varieties for which I give the grower's description.



Spring flowering Bulbs for Fall Planting



HARDLY any class of plants enjoy such general favor as do the spring-flowering bulbs. The ease with which they may be grown is in a great measure the cause of this popularity, together with the fact that they bloom at a season when the passing of winter makes their gay colors irresistibly attractive. In the garden the modest charm of the Crocuses and Snowdrops will always appeal to the flower-lover; it is to the Hyacinths, Tulips and Daffodils, however, that we must look for the gorgeous part of the spring display. In beds or borders, in sheltered nooks among shrubbery, or in broad, irregular patches on the edges of woodland, the bulbs afford a profusion of bloom from early spring until well into June.

Success with most bulbous plants is principally a question of providing suitable conditions for the development of the flower, which has been formed in the bulb during the previous growing season. If a Tulip bulb, for instance, be cut open at planting time, the tiny flower will be seen to be already perfectly formed within the protecting scales of the bulb. To insure the May blossom, it is necessary only to perform properly the autumn planting.

CULTURAL DIRECTIONS—FOR OUTDOORS. All the bulbs in this book, except Tulips, should be planted as soon as they are received. With the Narcissi and Crocuses early planting is an essential, both these classes of bulbs being very impatient of rest after the first of September. Tulips should be put into the ground during the latter half of October, or when the first sharp frosts begin to bring down the leaves from the deciduous trees. If planted before then, Tulips are inclined to start growth earlier, and are more likely to be affected by the frosty nights in early spring, after the beds have been uncovered.

Any ordinary garden soil is suitable for bulbs, providing it is in friable condition. For Daffodils, a rich, deep, maiden loam is

SPRING-FLOWERING BULBS

advisable, as the bulbs are to remain in the ground for three or four years, after which time, and when the foliage has ripened, they should be lifted and divided, and then replanted. Unless stable manure is well rotted or spaded in deeply, it is better to use bone-meal as a fertilizer for bulbs.

The depth at which to plant is noted under the various headings to each class of bulbs. In order that the bulbs may be planted at a uniform depth, it is best to remove the soil to the required depth, set the bulbs at the proper distances apart, then carefully replace the soil. Half an inch of sharp sand, spread evenly over the bottom of the bed or border before setting the bulbs, will be of marked benefit in providing drainage. The use of a dibble demands care to avoid leaving the bulb "hung" so that the base does not come in contact with the soil. A little sand dropped into the hole is a good plan. A broad trowel is better than the dibble, if pains are taken to plant the bulbs at a uniform depth.

After planting, a cover of long straw, salt hay, leaves or litter of some light kind should be placed over the beds or borders as soon as the ground freezes enough to create a thin crust. If the cover is put on sooner, the bulbs are likely to suffer from the ravages of field-mice, which are especially fond of Crocus bulbs. The cover should be removed early in the spring, although it is safest to have some protection at hand if freezing weather should set in.

FOR POT CULTURE, early potting is imperative. It is quite impossible to obtain flowers until abundant root-growth is established, and to secure sufficient roots will generally take from eight to ten weeks. If the pots are wanted in succession throughout the winter, potting should be done at intervals of two or three weeks, but all of it should be over by the middle of November. Crocuses need to be potted early.

The bulbs should be set at such a depth that the tops protrude slightly when the potting is done. The bulbs must never be pressed down into the soil, for the roots will lift the bulbs quite out of the pots if the earth beneath is packed hard. A suitable soil for potting should consist of two parts of fibrous loam, two parts of leaf-mold, one part of sharp sand, and one part of some trustworthy prepared fertilizer. Proper drainage should be

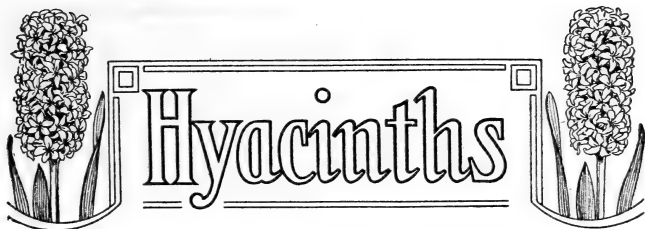
THE BLUE BOOK OF BULBS

afforded by putting an inch or so of broken crock or stones in the bottom of the pots.

After potting, give a thorough watering, and then place the pots out-of-doors on a bottom of coal-ashes, to prevent worms from entering, and cover them with 4 to 6 inches of leaves or litter, cocoanut-fiber being excellent for this purpose. By November, the pots should be set, on a similar layer of ashes, in a trench 18 inches deep, provided with some means of draining off the water from winter rains or melting snow. A cover of 6 or 8 inches of leaves, litter or, best of all, cocoanut-fiber, should be thrown over the whole trench. The pots may be kept in a dark, cold cellar, if attention is given to keeping them in a constantly moist condition.

From the trenches the pots may be brought into the house, as desired, whenever root-growth is abundant enough to warrant giving heat. Plenty of roots showing through the bottom of the pot will indicate sufficient root-growth. When brought indoors, the pots should be kept shaded until the top-growth has turned a healthy green. For early forcing of Tulips, an inverted pot, or cone of heavy paper with a small opening at the top, should be placed over the pans to induce the stalks to lengthen out; otherwise the flowers are likely to open out within the dwarf and unfolded leaves. Plenty of water should be given as soon as active growth begins, and cold draughts or very high temperatures must be avoided. Crocuses and Narcissi dislike bottom heat, and it is best to grow them cool and slowly if fine blooms are desired.

In this list, the figures following the variety names indicate the relative time of flowering of each. Of the Tulips the single early varieties are the first to bloom, followed closely by the double sorts. Generally speaking, the Cottage Tulips come into flower next, and the earlier Darwins and Breeders along with them; while the Bybloems, Bizarres and Parrots are in flower together with the later Darwins.



IN THE use of Hyacinths for bedding, a careful selection must be made in order to secure varieties suitable for this purpose. The stems of many sorts are not stout enough to hold up the heavy trusses, and the flowers are quickly spoiled, when they begin to droop over upon the ground. Very brilliant colors, such as exist among the tulips, are lacking. For certain effects of pale colors in large breadths of one shade, or for contrasting combinations, they are very beautiful, if sorts are chosen which have the strength of stem to support the great spikes. When Hyacinths are grown under glass, or in the house, the colors are frequently much finer, and the spikes of weak-stemmed kinds may be supported in an inconspicuous manner. Four to six bulbs of one variety in a 7- or 8-inch bulb-pan will prove a delightful way of seeing the Hyacinth at its best. Best results are secured when the bulbs are potted early. For outdoor growing set the bulbs 6 inches deep, measuring to the bottom of the bulb, and 6 to 7 inches apart.

The bulbs of different varieties of Hyacinths vary greatly in size, some making a very large bulb and others only a small one. My customers need never feel any disappointment when comparing the enormous bulb of Grand Maitre with the smaller one of Roi des Belges, for instance, for all the bulbs I send out are of a selected size.

Where Hyacinths are to be used for bedding, the following combinations are recommended as being especially effective:

{ ROI DES BELGES	{ KING OF THE BLUES	{ MENELIK
{ LA FRANCHISE	{ QUEEN OF THE BLUES	{ BUFF BEAUTY
{ LADY DERBY	{ GENERAL DE WET	{ LORD BALFOUR
{ PERLE BRILLANTE	{ VICTOR EMANUEL	{ YELLOW HAMMER

The figure following each name indicates the relative time of flowering of that variety. An asterisk () preceding the name indicates that smaller sizes can be supplied, as noted on page 14.*

ARENTEINE ARENDSSEN. 1. Pure snowy white; open, wide-petaled bells, and broad, well-filled spike. An extra-fine variety. 10 bulbs, \$1.60; 100 bulbs, \$14.

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- ***BUFF BEAUTY.** 2. Buff orange-yellow, a very unusual color; long, narrow truss with good-sized bells and strong stem. Fine for pot culture. 10 bulbs, \$1.40; 100 bulbs, \$12.
- CAPTAIN BOYTON.** 1. Soft lavender-blue, shaded darker lavender; full, handsome spike, with large, spreading bells. Fine for bedding. 10 bulbs, \$1.60; 100 bulbs, \$14.
- CITY OF HAARLEM.** 3. Clear yellow; large, well-formed truss and good stem. A new variety which has no equal among the yellows. For pots or bedding. 10 bulbs, \$2; 100 bulbs, \$17.
- CORREGGIO.** 2. A magnificent, pure white variety, with large, fleshy bells of wonderful substance, and perfect truss of great size. The finest white ever raised. Unexcelled for pot culture. 10 bulbs, \$2.30; 100 bulbs, \$20.
- COUNT ANDRASSY.** 2. Lavender-blue, flushed pale marine-blue; full, round spike, with large bells. The brightest light blue Hyacinth. Fine for pots or bedding. 10 bulbs, \$1.30; 100 bulbs, \$11.50.
- ***CZAR PETER.** 2. Light lavender-blue; splendid spike, with large waxy bells. An old variety, but one of the finest. 10 bulbs, \$1.80; 100 bulbs, \$15.
- DAYLIGHT.** 2. Grower's description: Clear primrose-yellow, flushed salmon; long spike of medium bells. A fine bedding sort. 10 bulbs, \$1.40; 100 bulbs, \$13.
- ELECTRA.** 2. Light, silvery blue; an enormous spike, full and well finished, with large bells. The finest of all the light blue Hyacinths, but rather scarce because its merit has created a great demand for it. 10 bulbs, \$2; 100 bulbs, \$17.
- ***ENCHANTRESS.** 2. Delicate porcelain-blue, with pale center; unusually long and full spike with large bells. An exceptionally good sort for pots. 10 bulbs, \$1.60; 100 bulbs, \$14.
- ETNA.** 5. Bright, dark rose; very large, full truss, with large bells. A very bright Hyacinth, and unexcelled for pot culture. The latest Hyacinth of all to flower. 10 bulbs, \$1.60; 100 bulbs, \$14.
- ***GARIBALDI.** 1. Deep crimson-red, with a splendid, large spike. The best red for early forcing. 10 bulbs, \$1.40; 100 bulbs, \$11.50.

EXTRA-SELECTED HYACINTHS

*GENERAL DE WET. 2. A pink Grand Maitre. Strong spike and stem, with large bells of soft, light pink. Very fine for pots or bedding. 10 bulbs, \$1.40; 100 bulbs, \$12.

GENERAL VAN DER HEYDEN. 1. Dark, grayish lavender, with mauve shading; large bells, compactly arranged on large spike. Splendid for bedding or pots. 10 bulbs, \$2; 100 bulbs, \$17.

*GRAND MAITRE. 2. Dark lavender-blue; large bells, and very long, well-filled truss, on an unusually strong stem. Equally good forcer and bedding variety, usually throwing a number of secondary spikes. 10 bulbs, \$1; 100 bulbs, \$8.50.

HEIN ROOZEN. 1. Snowy white; splendid big bells, and long, loose spike of great elegance. A fine, early sort for forcing. 10 bulbs, \$1.80; 100 bulbs, \$17.

HOFGARTNER KUHNERT. 1. Grower's description: Bright rose, with lighter center; very large spike, with large bells. A fine, early-forcing sort. 10 bulbs, \$2; 100 bulbs, \$17.

IVANHOE. 4. Grower's description: Dark indigo-blue, shaded black, with white center; long, narrow spike, with bells closely set. 10 bulbs, \$2.20; 100 bulbs, \$20.

JACQUES. 3. Very pale pink; enormous truss, with large bells, set rather loosely along the stem. Fine for bedding. 10 bulbs, \$1.40; 100 bulbs, \$12.

*KING OF THE BLUES. 4. Bright, dark blue; splendid spike and bells. Excellent for late forcing or for bedding. 10 bulbs, \$1.20; 100 bulbs, \$10.

KOHINOOR. 3. Bright, dark pink; extra-large truss, with very large bells. Semi-double, but very beautiful for bedding. 10 bulbs, \$1.50; 100 bulbs, \$13.50.

*LADY DERBY. 1. Clear rose-pink; splendid spike with large bells. A fine forcing variety and unexcelled for bedding, because its strong stem holds the truss erect to the end. 10 bulbs, \$1.60; 100 bulbs, \$14.

*LA FRANCHISE. 3. Creamy white; large bells and spike, with stout stem. Fine bedding variety. 10 bulbs, \$1; 100 bulbs, \$8.50.

*LA GRANDESSE. 3. Pure white; long, full spike of perfect form, with waxy bells. The finest standard white. Superb for pots or bedding. 10 bulbs, \$1.60; 100 bulbs, \$14.

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- LA NEIGE. 1. Snow-white; small spike, with small, recurving bells, which give a distinct character to the bloom. A variety with a delicious perfume. Fine for pots. 10 bulbs, \$1.50; 100 bulbs, \$13.
- LA VICTOIRE. 2. Bright, glistening carmine-rose; under glass the color is a fine dark pink; long, well-filled spike of medium-sized bells. Brilliant bedding sort, having a strong stem and lasting color. 10 bulbs, \$2; 100 bulbs, \$16.
- *L'ESPERANCE. 3. Dark claret-crimson; medium spike, with good bells. A distinct color for bedding purposes. 10 bulbs, \$1.30; 100 bulbs, \$12.
- *L'INNOCENCE. 1. Pure white; fine truss, with large bells of great substance. One of the best Hyacinths for pots or bedding. 10 bulbs, \$1.40; 100 bulbs, \$12.
- *LORD BALFOUR. 1. Lilac-rose, tinged dark violet—a distinct color; long spike and large bells. The best Hyacinth in this class. 10 bulbs, \$1.30; 100 bulbs, \$11.50.
- LORD DERBY. 3. Silvery lavender-blue; large, compact spikes of great beauty, with small bells. A good outdoor variety. 10 bulbs, \$1.40; 100 bulbs, \$13.
- *MARIE. 2. Dark violet-blue; immense spike, with large bells. An extra-fine bedding sort, and an early forcer. 10 bulbs, \$1.20; 100 bulbs, \$10.
- MENELIK. 2. Deep black-blue; large and well-formed truss, with bells of good size. The best of the so-called "blacks." 10 bulbs, \$1.70; 100 bulbs, \$15.
- *MIMI. 1. Waxy white; large bells and big, heavy truss, yet carried on a stiff stem. A splendid bedding variety. 10 bulbs, \$1; 100 bulbs, \$8.
- *MORENO. 1. Bright rose-pink, with darker stripe; large bells and spike. Fine for pots, but the truss needs support. Unsuitable for beds. 10 bulbs, \$1.20; 100 bulbs, \$10.
- ORANJEBOVEN. 3. Grower's description: Reddish orange, resembling the early Tulip, Sir Thomas Moore; small spike. A very distinct variety for bedding. 10 bulbs, \$1.30; 100 bulbs, \$12.
- *ORNEMENT ROSE. 3. Soft flesh-pink; large, broad spike of compact form. A splendid bedding Hyacinth. 10 bulbs, \$1.20; 100 bulbs, \$10.

EXTRA - SELECTED HYACINTHS

- PERLE BRILLANTE. 2. Light blue, tinged lavender; big bells on a large, finely formed spike. Superb for bedding or pots. 10 bulbs, \$1.60; 100 bulbs, \$14.
- *PINK PERFECTION. 3. Grower's description: Delicate blush-pink, shaded lavender; large bells on a beautifully formed spike. Fine for pots or bedding. 10 bulbs, \$1.40; 100 bulbs, \$12.
- PRIMROSE PERFECTION. 3. Soft primrose-yellow; medium spike, but the largest bells among the yellow sorts. The strong stem makes it unsurpassed for bedding. 10 bulbs, \$1.50; 100 bulbs, \$13.
- *QUEEN OF THE BLUES. 3. Beautiful light porcelain-blue, of a very clear color; large, compact spike with bells of medium size. Its strong stem makes it one of the best bedding sorts. 10 bulbs, \$1.50; 100 bulbs, \$13.
- *QUEEN WILHELMINA. 2. Vivid rose-pink of a distinct shade; large, well-formed spike, and good bells on a stiff stem. Fine for bedding or forcing. 10 bulbs, \$1.50; 100 bulbs, \$13.
- *ROI DES BELGES. 2. Clear, rosy crimson; medium-sized, compact truss; splendid for bedding, often giving two spikes to a bulb. Has a scent peculiarly its own. 10 bulbs, \$1.20; 100 bulbs, \$10.
- *RUBY. 3. Grower's description: Dark crimson-scarlet, a very distinct color; good spike with medium bells. 10 bulbs, \$1.40; 100 bulbs, \$13.
- *SCHOTEL. 1. Soft light blue; very long and perfect truss with large bells. Very easily forced, and splendid for bedding. This variety is making rapid strides in popularity. 10 bulbs, \$1.40; 100 bulbs, \$12.
- VICTOR EMANUEL. 2. Dark crimson-rose; large, fine truss. A splendid variety for bedding or forcing. 10 bulbs, \$2; 100 bulbs, \$16.
- WILLIAM III. 3. Dark, purplish blue, with light center suffused reddish purple; splendidly formed spike and large bells. A striking variety, but very scarce. 10 bulbs, \$1.50; 100 bulbs, \$13.
- *YELLOW HAMMER. 1. Creamy yellow; fine, compact spike and large bells. The best standard yellow for pot culture. 10 bulbs, \$1.30; 100 bulbs, \$12.

Second-Size Hyacinths

Smaller-sized bulbs of the Single Hyacinths, in any of the foregoing varieties, can be supplied at lower prices. Second-size bulbs are often almost as good as the larger sizes for bedding, and can be furnished at twenty per cent less than the prices quoted for Cream Quality bulbs.

Miniature or Dutch-Roman Hyacinths

The fifth and sixth sizes, commonly known as Miniature Hyacinths, are unusually handsome for growing in pots. They come into flower a little earlier, and the bells are looser and more graceful. Miniature Hyacinths will be furnished in any variety of the preceding list marked with an asterisk, at forty per cent less than the prices quoted for Cream Quality bulbs.

Roman Hyacinths

Roman Hyacinths are invaluable for early forcing, and if potted late in August or early in September, and given a chance to make plenty of root-growth, they may be had in bloom by the end of November. The spikes and bells are smaller than those of the Dutch Hyacinths, but are far more graceful. The blue and pink Romans are so inferior to the white that I do not recommend them, though I will quote prices on them, if desired. Roman Hyacinths are not suited to outdoor planting.

WHITE ROMANS. Extra-large Cream Quality bulbs. 10 bulbs, 60 cts.; 100 bulbs, \$5.50; 1,000 bulbs, \$50. First-size bulbs. 10 bulbs, 55 cts.; 100 bulbs, \$4.75; 1,000 bulbs, \$46.



Single Early Tulips

SINGLE Early Tulips are deservedly favorites in every garden. It is supposed they are descendants of *Tulipa Gesneriana*, *T. præcox* and *T. suaveolens*, though it seems necessary to infer that other strains of blood are evident in many of these garden Tulips. It is probable that their exact origin can never be definitely determined. In them we possess a range of colors and combination of shades, with an ease of culture, which no other class affords; besides this, they are so inexpensive, so far as the standard sorts are concerned, that they can be included in the plan of the most simple garden design. Though they lack the substance of the May-flowering varieties, they are unsurpassed for bedding, as they are through flowering early enough for the beds to be filled with summer-blooming plants, and while in flower they give a brilliant display for ten days to two weeks.

The newer varieties so far excel many of the older sorts as to make the latter hardly worth planting. Beds of these newer Single Early Tulips planted with solid colors or with effective combinations of them, provide a glorious sight late in April and early in May. In borders where they are not hidden by rank-growing plants they give a touch of color wholly welcome at this early time of year. They are the best fitted of all Tulips for forcing, and, if not grown too cool, some very early varieties may be had in flower by the end of December. When used for bedding, it is far better that new bulbs be secured each year, for the old bulbs will not do well the second season unless they have been allowed to mature properly and the foliage to die down before being removed from the beds. Even with the best care, it is uncertain whether the bulbs will again bloom successfully.

In the following list the handsomest sorts alone are represented, though many of the better-known varieties are omitted because they no longer grow well, or are surpassed by the newer kinds. Upon request I can supply any desired variety.

THE BLUE BOOK OF BULBS

The combinations given below are suggested as being effective for bedding, or grouping in hardy borders.

{ JEANNETTE { ROSE PRECOCE	{ GOLDFINCH { PRINCESS HELENA	{ GOLDEN LION { WHITE HAWK
{ QUEEN OF THE NETHERLANDS { VAN BERGHEM	{ PRIMROSE QUEEN { PRINCESS WILHELMINA	
{ KOHINOOR { ROSE APLATI	{ ELEANORA { PRINCESS HELENA	{ LADY BOREEL { JOOST VAN VONDEL
{ PRIMROSE QUEEN { WOUVERMAN	{ CHRYSOLORA { DUSART	

The figure following the name indicates the relative time of flowering

CULTURE. The bulbs of Single Early Tulips should be planted 4 to 5 inches deep, and 5 to 6 inches apart. For pots, six or seven bulbs in a 7-inch pan are very satisfactory; ten bulbs in a pot one size larger make a more showy display. To allow root-growth to begin and develop properly, it is well to break or cut apart the skin at the base of the bulb immediately before potting.

ADMIRAL REINIER. 2. White ground, striped and feathered carmine-rose, with yellow base; long, large flower of handsome form. Excellent for bedding. Height 12 in. 10 bulbs, 55 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$32.

BRIDE OF HAARLEM. 2. White, feathered carmine-crimson; medium-sized flower. A good bedding Tulip. Height 10 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$32.

BRILLIANT STAR. 2. Vermilion-scarlet, with yellow base; large and finely formed. Very early forcing variety. Height 12 in. 10 bulbs, \$1.10; 100 bulbs, \$9.50.

CARDINAL RAMPOLLO. 1. Clear yellow, bordered bright orange-red; a good-sized flower of very showy character. Forces very easily. Height 11 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.75; 1,000 bulbs, \$30.

CHRYSOLORA. 2. Clear golden yellow; large, globular flower. A splendid Tulip for beds. Height 12 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$15.

COMTE DE VERGENNES. 3. White, striped and feathered bright cherry-red; large flower of perfect shape. A very handsome Tulip, and easily the best among the red-and-white kinds. Fine for forcing or bedding. Height 13 in. 10 bulbs, 35 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$21.

CHOICE SINGLE EARLY TULIPS

- COTTAGE BOY.** 2. Canary-yellow, edged light orange-red; medium-sized flowers of good form. A fine new variety for bedding or midseason forcing. Height 12 inches. 10 bulbs, 35 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$17.
- COEUR DE FRANCE.** 3. Scarlet-red, striped darker red, with stripes and small blotches of clear yellow; large flowers on tall stems. A striking Tulip for bedding. Height 14 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$33.
- CRAMOISI BRILLANT;** syn., **CARMINE BRILLIANT;** **SPARKLER.** 4. Glowing scarlet with yellow base; large, bold flower of perfect form. Extra fine for bedding. Height 13 in. 10 bulbs, 35 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$18.
- CRIMSON KING.** 2. Crimson-scarlet, with yellow base; medium size, with reflexing petals; sweet-scented. A superb bedding Tulip because of its dazzling color, and good for late forcing. This variety is exceedingly popular wherever Tulips are planted. Height 14 in. 10 bulbs, 25 cts.; 100 bulbs, \$1.60; 1,000 bulbs, \$12.
- CULLINAN.** 3. Grower's description: Yellowish white with border of delicate rose. Fine bedding Tulip. Height 12 in. 10 bulbs, \$1.70; 100 bulbs, \$15.
- DE VIEGER.** 2. Bright, dark rose-pink, with white feather through center of petal, and yellow base; medium-sized flower. Fine for forcing or bedding. Height 14 in. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$25.
- DE WET.** Grower's description: Golden yellow, flushed and stippled orange-scarlet; large, sweet-scented flower of erect habit. A new Tulip of a color unlike any other variety, well adapted for forcing or bedding. Height 17 in. 10 bulbs, \$2.70; 100 bulbs, \$25.
- DUCHESS DE PARMA.** 2. Deep orange-maroon, with an irregular border of deep yellow; large, globular flower. Exceptionally showy bedding Tulip, and a fine early forcer. Height 13 in. 10 bulbs, 30 cts.; 100 bulbs, \$2; 1,000 bulbs, \$12.
- DUC VAN THOL COCHINEAL.** 1. Rich orange-scarlet. This is the only Duc Van Thol variety to give a good-sized flower. It is of exceptional value for early forcing, as it may be had in flower by Christmas. It should not be used for bedding. Height 7 in. 10 bulbs, 50 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$22.

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- DUSART.** 2. Deep vermilion-red; large flower of fine form. A splendid bedding variety, keeping its color even in a smoky atmosphere. Height 14 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$18.
- ELEANORA;** syn., **LAC ELEANORA.** 3. Purple-violet, edged white; medium-sized flower of showy character. A handsome bedding Tulip. Height 14 in. 10 bulbs 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$21.
- ENCHANTRESS.** Wine-red, with broad, yellowish white border; large flower. Fine for bedding. Height 12 in. 10 bulbs, 80 cts.; 100 bulbs, \$7.
- FABIOLA;** syn., **GRAND DUC DE RUSSIE;** **JACHT VAN ROTTERDAM.** 2. Rosy violet, striped white; large, full flower; very showy, and the best of the violet-striped Tulips. Fine for bedding or forcing. Height 12 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$30.
- FLAMINGO.** 2. Carmine-rose, shaded lighter, with white stripe through petals; large, crinkled flower of beautiful shape. A dark pink sport of White Hawk. Splendid either for forcing or bedding. Height 13 in. 10 bulbs, 70 cts.; 100 bulbs, \$6; 1,000 bulbs, \$48.
- FRANZ HALS.** 2. Creamy white; large flower of fine form, carried on a long, graceful stem. A very beautiful bedding sort, and fine for late forcing. Height 15 in. 10 bulbs, 35 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$20.
- GLOBE DE RIGAUT.** 2. Dark violet, lightly feathered purple and white; large flowers. A very fine, dark variety for beds or borders, and good for forcing if not used too early. Height 12 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$32.
- GOLDEN LION;** syn., **GOLDEN LION OF HILLEGOM.** 3. Clear, light yellow, with broad, irregular edge of terra-cotta; large flowers of globular form, on stiff stems. A very handsome bedding Tulip among the newer varieties. Height 13 in. 10 bulbs, \$1; 100 bulbs, \$8.25.
- GOLDEN QUEEN.** 2. Golden yellow; large flowers of extra-fine form. A superb flower for bedding, and the finest of all yellows for pots. A variety of much more substance than any other yellow among the Single Early Tulips. An early forcer. Height 14 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.

CHOICE SINGLE EARLY TULIPS

GOLDFINCH. 2. Pure, deep yellow, retaining the color until the petals drop; large flower. One of the best for bedding, and fine for early or late forcing. This is the pure yellow Yellow Prince, and its equal in all respects. Height 12 in. 10 bulbs, 30 cts.; 100 bulbs, \$2; 1,000 bulbs, \$15.

GRACE DARLING. 2. Bright bronze-scarlet, of a most effective tone; yellow base, marked olive; large, globular flower. Splendid for bedding. Height 14 in. 10 bulbs, 70 cts.; 100 bulbs, \$5; 1,000 bulbs, \$35.

HECTOR. 3. Dull orange-red, with narrow edge of light yellow; large, bold flower having a distinct lemon perfume. A very striking Tulip for bedding. Height 12 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.

JAUNE APLATI. 3. Sulphur-yellow, often flushed pale rose; a short, flattened flower, not very large, but very handsome. Better for bedding than forcing. Height 11 in. 10 bulbs, 80 cts.; 100 bulbs, \$7.

JEANNETTE. 2. Crimson-red, edged old rose; medium-sized flower. A fine bedding sort. This is one of the newer varieties; very handsome and quite distinct. Height 12 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$35.

JENNY. 2. Silky carmine-rose, with faint white flush through middle of petals; white center, starred yellow; large flower and beautifully formed. Equally good for beds or forcing. A Tulip that should be better known for outdoor planting. Height 12 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.

JOOST VAN VONDEL. 2. Cherry-red, irregularly striped and flaked white, with white center; long, large flower of exquisite shape. An early forcer, and a superb variety for bedding. Height 14 in. 10 bulbs, 40 cts.; 100 bulbs, \$3.25; 1,000 bulbs, \$22.

KEIZERKROON; syn., **GRAND DUC.** 1. Bright crimson-scarlet, edged clear, rich yellow; fine, large flower on long stem. A fine bedding variety, and splendid for early or late forcing. One of the older sorts, but very showy and still exceedingly popular. Height 16 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$15.

KOHINOOR. 3. Very deep scarlet, the darkest red Tulip; medium-sized flower. A fine bedding variety. Height 10 in. 10 bulbs, 80 cts.; 100 bulbs, \$6.50.

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- LADY BOREEL**; syn., **JOOST VAN VONDEL WHITE**. 2. Snowy white; large, long flower of perfect shape. The finest white Tulip for bedding, and a superb variety for pots if not forced too early. This and White Hawk are the gems among white Tulips. Height 14 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$30.
- LA REINE MAXIMUS**. White, faintly flushed pale rose, the color deepening with age. A fine bedding Tulip, and splendid forcer. An extra-handsome, large-flowered La Reine. Height 13 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$34.
- LA REMARQUABLE**. 3. Brilliant claret-purple, edged and tipped old rose; large flower of beautiful reflexing form. An exquisitely handsome flower, equally fine for bedding or mid-season forcing. Height 13 in. 10 bulbs, 65 cts.; 100 bulbs, \$5.50; 1,000 bulbs, \$45.
- LA RIANTE**. 1. Bright rosy pink, tipped with white; large flower of great beauty. I recommend this variety for bedding instead of Cottage Maid, which has deteriorated and no longer merits a place among truly satisfying Tulips. Height 12 inches. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$30.
- LE MATELAS**. 2. Glistening pink, tipped and flushed creamy white, with yellow base. Large flowers of beautiful form. The finest pink for early and late forcing. Height 12 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$42.
- LORD DERBY**. 1. Creamy white; large, globular flower of very handsome form. A splendid bedding sort and good for forcing. Height 12 in. 10 bulbs, 65 cts.; 100 bulbs, \$5.50.
- L'UNIQUE**; syn., **BRUNHILDE**. 2. White, striped yellow, with yellow base. Large flowers of full, round form. A very distinct and handsome Tulip for bedding, and good for late forcing. Height 14 in. 10 bulbs, \$1.50; 100 bulbs, \$12.
- MAES**. 1. Dazzling scarlet, with darker tone inside; a flower of model form, and, next to Sir Thomas Lipton, the finest red for beds. The foliage comes well up to the flower. Height 13 inches. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$28.
- MAX HAVELAAR**. 1. Blood-orange, flushed salmon-rose; the general tone is close to a watermelon-red; large, well-formed flower; very like La Merveille among the Cottage sorts. A fine bedding and unusually handsome forcing Tulip. Height 12 in. 10 bulbs, \$1; 100 bulbs, \$8.

CHOICE SINGLE EARLY TULIPS

MON TRESOR. 1. Rich, deep yellow; very long, large flower of handsome shape. The best yellow bedding Tulip, and fine for early forcing. Height 13 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$15.

OPHIR D'OR. 2. Bright, clear yellow; large flower. A very fine Tulip for bedding, coming into flower a little later than Mon Tresor. Height 13 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.20; 1,000 bulbs, \$15.

PINK BEAUTY. 3. Vivid cherry-rose, center of petals striped white; white center marked yellow. Enormous flower of superb shape, carried on stiff, strong stem. The handsomest dark pink bedding Tulip, and a fine late forcer. A new variety which cannot be praised too highly. Height 12 in. 10 bulbs, 70 cts.; 100 bulbs, \$6; 1,000 bulbs, \$48.

PIONEER. 1. Bright scarlet; large, shapely flower. A splendid sort for very early forcing, being the earliest of all the reds. Height 10 in. 10 bulbs, 75 cts.; 100 bulbs, \$6; 1,000 bulbs, \$48.

PRESIDENT CLEVELAND. 2. Grower's description: Creamy white, with border of beautiful light rose; enormous, long flower of exquisite shape. Superb for bedding or pot culture. Height 14 in. 10 bulbs, \$2; 100 bulbs, \$18.

PRESIDENT LINCOLN; syn., **QUEEN OF THE VIOLETS.** 2. Clear magenta-violet; large flower; very effective when grown beside a light yellow Tulip, such as Primrose Queen. Fine for beds, and a splendid forcing sort. Height 12 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$32.

PRESIDENT TAFT. 2. White, with feathered edge of deep rose, the color spreading into the petal as the flower ages; large, long flower and a very handsome bedder. A sport of Joost Van Vondel, having the perfect form of that variety. Height 14 in. 10 bulbs, \$1.30; 100 bulbs, \$12.

PRIMROSE QUEEN; syn., **HERMAN SCHLEGEL;** **PRIMROSE DAME.** 3. Primrose, edged canary-yellow; inside clear yellow; medium-sized flower of exquisite form. A very handsome Tulip for bedding, and very attractive in pots. Height 10 in. 10 bulbs, 50 cts., 100 bulbs, \$4.20; 1,000 bulbs, \$30.

PRINCESS HELEN. 2. Very clear, pure white; large flower. Fine for bedding and a superb early forcer. Height 12 in. 10 bulbs, 35 cts., 100 bulbs, \$2.50; 1,000 bulbs, \$18.

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- PRINCE OF AUSTRIA.** 2. Brilliant orange-scarlet, yellow base; large and very showy flower; deliciously scented. An extra-fine bedding variety, and unsurpassed for early or late forcing. Height 15 in. 10 bulbs, 50 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$20.
- PRINCESS WILHELMINA;** syn., **QUEEN OF PINKS.** 1. Deep pink, with striking white flush on outer petals; long, pointed flower. Extra-fine for bedding. Height 13 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.25; 1,000 bulbs, \$25.
- PROSERPINE.** 1. Rosy carmine, with white center marked slate-blue; an enormous flower of full, globular shape; deliciously scented. Fine for very early forcing, and an extremely handsome bedding Tulip. Height 14 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$30.
- PROSPERITY;** syn., **REINE DES REINES.** 1. Delicate rose-pink; a medium-sized flower of great substance. Good bedder and fine for very early forcing. Height 12 in. 10 bulbs, \$1; 100 bulbs, \$8.50.
- QUEEN OF THE NETHERLANDS.** 2. Very soft, pale rose, flushed white, with white base; very large, egg-shaped flower of superb form. The handsomest pale pink Tulip either for bedding or forcing. Height 14 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$30.
- QUEEN OF THE WHITES.** 2. Pure white, with pointed petals and strong stem. One of the best lower-priced white Tulips for bedding purposes. Height 10 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$15.
- RISING SUN.** 2. Deep golden yellow; one of the largest early Tulips in existence; very tall stem. A sport of Duchesse de Parma. 10 bulbs, \$1.20; 100 bulbs, \$10.
- ROI PEPIN.** 2. Pure white, feathered and striped crimson-scarlet; large flower of splendid form. A rather variable sort, some flowers having more color than others. A good forcer and handsome bedder. Height 10 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$30.
- ROOS VAN DEKEMA;** syn., **ETHELDRIDA.** 3. Dark rose-pink, with yellow center; large flower of great substance. Good bedding Tulip and very handsome for late forcing. Height 12 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$45.

CHOICE SINGLE EARLY TULIPS

- ROSE APLATI. 2. Blush-white, edged pale rose; medium-sized flower of flattened shape. A good bedding Tulip, and very daintily beautiful when forced. Height 10 in. 10 bulbs, 35 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$20.
- ROSE GRIS-DE-LIN. 3. Pale rose, flushed and feathered creamy white; handsomely shaped flower of moderate size. A very fine bedding Tulip. Height 11 in. 10 bulbs, 30 cts.; 100 bulbs, \$1.50; 1,000 bulbs, \$12.
- ROSE LA REINE; syn., LE CERISIER. 2. Dark cherry-rose, margined old-rose; medium size. Fine for forcing or bedding. Height 12 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$32.
- ROSE PRECOCE. 1. Creamy white, with edge of delicate rose; large flower on tall stem. A beautiful variety and one of the earliest to flower, and therefore a splendid forcer. Height 11 in. 10 bulbs, 80 cts.; 100 bulbs, \$7.
- SIR THOMAS LIPTON. 2. Dark scarlet, with yellow base marked olive-green; large, cup-shaped flower of great substance. A very fine new variety, equally good for forcing or bedding. Height 13 in. 10 bulbs, 55 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$38.
- STANLEY; syn., CRAMOISI POUPRE; ROSE SUPERBE. 3. Rich American Beauty rose of brilliant tone. Good forcing and bedding variety. Height 10 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$32.
- THOMAS MOORE. 2. Dull, rosy terra-cotta, shading at edges of petals to dull orange-yellow; center marked olive-green; medium-sized flower; sweet-scented. Fine for bedding or early forcing. Height 15 in. 10 bulbs, 30 cts.; 100 bulbs, \$2; 1,000 bulbs, \$15.
- VAN BERGHEM; syn., JOHN BRIGHT. 2. Carmine-red, with white center; a very large flower, with a livelier color than Proserpine. A wonderfully fine bedding variety. Height 14 in. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- VAN DER HELST. 1. White, with broad margin of rosy carmine; medium-sized flower on a tall, graceful stem. Fine for bedding and a good midseason forcer. Height 15 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$26.
- VAN DER NEER. 2. Dark magenta-purple; large and beautifully formed flower. A superb bedding Tulip and a good midseason forcer. Height 12 in. 10 bulbs, 70 cts.; 100 bulbs, \$6.

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VAN GOOYEN. 2. Light, rosy pink with white base; large flowers. Splendid for bedding. Height 13 in. 10 bulbs, 30 cts.; 100 bulbs, \$2; 1,000 bulbs, \$13.

VERMILION BRILLIANT. 1. Bright, glistening scarlet, with yellow base; very large flower of perfect shape. Extra fine either as a forcing or a bedding Tulip. Height 12 in. Other sorts are frequently supplied instead of this, but I offer the true variety. 10 bulbs, 55 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$32.

WAPEN VAN LEIDEN; syn., ARMS OF LEYDEN. 2. Creamy white, with stripe of carmine-rose through center of petals, and slightly feathered dark rose; a medium-sized flower and very distinct. Fine either for bedding or forcing. Height 13 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.20; 1,000 bulbs, \$13.

WHITE HAWK. 2. Beautiful, pure white; very large, globular flower of great substance, exquisitely formed, with crinkled petals. A superb Tulip for beds, and the finest white forcing variety, lasting a long time in good condition. Height 13 in. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$25.

WOUVERMAN. 2. Rich, dark purple; large flower. Very handsome when bedded with a white variety like Lady Boreel. Height 13 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$40.

YELLOW PRINCE; syn., GOLDEN PRINCE. 2. Clear yellow, sometimes streaked with dull, brownish red; large flower; sweet-scented. A splendid variety for early or late forcing, and a good bedding Tulip. Height 14 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$15.

Later Single Tulips

Among the Tulips generally included with the single early sorts there are a few varieties which bloom from five to ten days after the others, or just enough later to mar the effect of a bed or border where they are planted with the early kinds. These varieties are here grouped together with the purpose of suggesting that they should be grown by themselves, and not with the early sorts. They are all extremely beautiful, and serve to fill in a gap between the April-blooming Tulips and the first of the Cottage Tulips.

THE LATER SINGLE TULIPS

Couleur Cardinal planted in masses is superb, while beautiful color combinations may be made with the varieties noted below:

{ GOLDEN HORN	{ LA REVE
{ ROSA MUNDI HUYCKMAN	{ WHITE SWAN

- BELLE LISETTE.** 4. White, flamed and striped carmine-rose, with blue halo at the base, giving strange beauty and patriotic feeling in its red-white-and-blue coloring. Height 12 in. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- CERISE GRIS-DE-LIN.** 4. Dark carmine-violet, shaded fawn and margined creamy white, with yellow base; large flower of globular form. Very novel coloring, and a handsome bedding and late forcing variety. Height 13 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.
- COULEUR CARDINAL.** 4. Brilliant crimson-scarlet, with a purplish bloom on the outer petals and yellow base; fine, large flower on a very strong stem. Superb for beds. Height 13 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.
- GOLDEN HORN.** 4. Pale yellow, tinged orange; large flower of fine shape. Fine for bedding and very late forcing. A sport of Rosa Mundi Huyckman. Height 11 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$35.
- LE REVE; syn., AMERICAN LAC; HOBHEMA; SARAH BERNHARDT.** 4. Old-rose, flushed buff; a very large, globular flower with rounded petals and carried on a strong stem. Very beautiful when grown out-of-doors. Fine for late forcing; if forced early the color is not so clear. Height 13 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.50; 1,000 bulbs, \$50.
- ROSA MUNDI HUYCKMAN.** 4. Bright rose-pink, with broad white stripe through center of petals; large flower, exquisitely formed. Very handsome for bedding. Height 11 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$15.
- ROSE LUISANTE.** 4. Brilliant, deep rose-pink; large flower of great substance. Splendid for bedding late forcing. Height 11 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$30.
- SPAENDONK.** 4. Yellowish white, striped and feathered dark carmine-violet; large flower of very unusual colorings. Fine for bedding. Height 11 in. 10 bulbs, 85 cts.; 100 bulbs, \$7.50.
- WHITE SWAN.** 4. Pure white; large, oval flowers of handsome form. Superb for cutting, bedding or late forcing. Height 15 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$15.

Double Tulips

The great value of the Double Tulips lies chiefly in their showy and lasting qualities. For beds and borders, where a display of color may be desired, they are very satisfactory, though lacking in the grace of form and habit which Single Tulips possess to such a marked degree. For culture in pots Double Tulips are attractive because of their size and extra fullness, but they cannot be forced very early. It is hardly necessary, since the double kinds lack the charm of the single forms, to list more than a few of the best and most striking varieties. Double Tulips generally come into flower a trifle later than the Single Early Tulips.

The following combinations will prove to be harmonious and effective for bedding purposes:

{TURBAN VIOLET	{ROSE D'AMOUR	{COURONNE D'OR
{SAFRANO	{SALVATOR ROSA	{BOULE DE NEIGE
{LE MATADOR	{BLEU CELESTE	
{SCHOONOORD	{YELLOW ROSE	

BLEU CELESTE; syn., **BLUE FLAG**. 5. Soft violet-purple; large flowers of very pleasing color. A beautiful Tulip for cutting or late forcing. A variety much later than other Double Tulips. Height 16 in. 10 bulbs, 65 cts.; 100 bulbs, \$5.50.

BOULE DE NEIGE. 2. Pure white; large, full flower, resembling a white peony. Splendid for bedding or forcing. Height 10 in. 10 bulbs, 55 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$35.

CHERRY RIPE. 3. Cherry-crimson, a very handsome color; large flower which lasts a long time and is exceedingly showy. Height 11 in. 10 bulbs, 70 cts.; 100 bulbs, \$6.

COURONNE D'OR. 2. Deep yellow, flushed orange-red; large flower. A splendid bedding Tulip and a good forcer. Height 11 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$30.

DON CARLOS. Grower's description: Deep, glowing crimson; on a tall stem; an immense flower and the best of the red varieties. This very scarce Tulip, though in my control, can be supplied only on early orders. 10 bulbs, 80 cts.; 100 bulbs, \$7.

EL TOREADOR. 2. Bright orange-scarlet, broadly margined buff-yellow; large. Fine for beds or forcing. Height 12 in. 10 bulbs, 65 cts.; 100 bulbs, \$5.50; 1,000 bulbs, \$48.

THE FINEST DOUBLE TULIPS

- FIRE KING.** 2. Brilliant orange-red; large flower, and very showy for bedding. Height 11 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.
- GOLDEN KING.** 1. Soft canary-yellow, shaded deeper yellow; very large and beautiful flower of superb effect for bedding; a sport of Tournesol. Height 13 in. 10 bulbs, \$1.50; 100 bulbs, \$14.
- LAC VAN HAARLEM.** 3. Brilliant rosy violet; large, very double flower. Splendid for bedding. Height 13 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.50.
- LA GRANDESSE.** 2. Soft rose, shaded white. A good forcing variety. Height 12 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.
- LE MATADOR.** 3. Rich, glowing scarlet, with purple bloom on the outside of the petals; large, globular flower. Very effective in beds, and fine for forcing. Height 11 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.
- LORD BEACONSFIELD.** 3. Brilliant rosy carmine; large flower of distinct shape. Fine for bedding or forcing. Height 10 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.
- LORD ROSEBERRY.** 1. Delicate light pink; large flower on a good stem. The color remains clean until the petals fall. A splendid sort for early forcing. Height 12 in. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$25.
- MURILLO.** 3. Delicate rose-pink, flushed white; good-sized flower. Fine for bedding, and a very fine forcing flower. Height 11 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$15.
- ROSEA PERFECTA.** 2. Deep rose, with broad white stripe on center of petal; large striking flower. A very handsome bedding variety. Height 11 in. 10 bulbs, 70 cts.; 100 bulbs, \$6.30.
- ROSE D'AMOUR.** 3. Pale flesh-rose; distinct shape and very lovely color. An especially beautiful Tulip for bedding purposes. Height 12 in. 10 bulbs, 70 cts.; 100 bulbs, \$6; 1,000 bulbs, \$48.
- SAFRANO;** syn., **SULPHUR MURILLO;** **BRIMSTONE BEAUTY;** **TEA ROSE.** 2. Soft pale yellow, tinged light rose. A very distinct color in Double Tulips. Fine for bedding or forcing. Height 11 in. 10 bulbs, 70 cts.; 100 bulbs, \$6; 1,000 bulbs, \$48.

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- SALVATOR ROSA.** 2. Deep rose, slightly flushed white; large flower. Fine for beds, and a splendid forcing Tulip. Height 11 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.
- SCHOONOORD.** 2. A beautiful pure white sport of Murillo; large and very full flower. The best white among the Double Tulips. Height 13 in. 10 bulbs, 70 cts.; 100 bulbs, \$6; 1,000 bulbs, \$48.
- TURBAN VIOLET.** 3. Deep rosy lilac; large flower. A handsome bedding variety. Height 12 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.
- VUURBAAK.** 2. Fiery scarlet, tinged orange when open; large flower. Very showy for beds and fine for forcing. Height 11 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.
- YELLOW ROSE.** 5. Beautiful deep yellow flowers, large and very fragrant. Most valuable for bedding and cutting. Blooms very late. Height 14 in. 10 bulbs, 35 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$18.

May-Flowering or Cottage Tulips

After the disastrous collapse of the Tulip craze in Holland, the highly prized bulbs rapidly made their way into the gardens of England and France, where they soon gained a widespread favor. By the close of the eighteenth century the public taste had drifted away from the Tulips, and the bulbs came very commonly into the hands of the cottagers and the less wealthy landowners. In their lowlier surroundings these Tulips have survived until the present increased interest in the late Tulips has made them sought after with painstaking diligence. Many of them, through neglect or uncongenial situation, had so dwindled in size as to be but tiny caricatures of their former splendor. Through proper cultivation they have regained their size and vigor, and together with hundreds of new seedlings have been re-introduced into the gardens and country places where once they were despised. The circumstance of their existence (or persistence, to speak more worthily of them) has given them the name by which they are now known.

Among them are some of the most exquisitely beautiful flowers of all the royal race of Tulips. From glittering reds to glistening yellows, dainty pinks and chaste whites, they run riot across the painter's palette. For planting in borders of perennials, or for

LATE OR MAY-FLOWERING TULIPS

cozy groupings among shrubbery, where the roots of the bushes are not too antagonistic, they are unsurpassed; while their habit of growth, some on stiff, sturdy stalks, others on gracefully drooping stems, lends itself charmingly to almost any device for brightening up the borders in mid-May. For pot culture, certain varieties, as indicated, may be brought into heat by the end of January, and will flower within four to six weeks.

CULTURE. Cottage Tulips should be planted 4 to 5 inches deep in heavy soils, and 5 to 6 inches deep in lighter soils. The distance between the bulbs should be not less than 5 inches. They may be left undisturbed for two or three years, but are not likely to bloom freely if left longer, except in situations where they may find themselves contented. Like all the Late Tulips, the Cottage varieties seem happier when planted with some sand about the bulbs and given protection from cold winds during the early season of growth.

The following list contains the choicest of the standard sorts, and the best of the newer introductions.

The figure following the name indicates the relative time of flowering

AVIS KENNICOTT. Grower's description: Rich chrome-yellow, with velvety black base; long flower of immense size, which should become of great value for border planting. 10 bulbs, 80 cts.; 100 bulbs, \$7.

BOUTON D'OR; syn., IDA; GOLDEN BEAUTY. 2. Deep golden yellow with black anthers; medium-sized flower of great beauty for cutting. Very fine for late forcing. Height 20 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$15.

CALEDONIA. 4. Orange-scarlet, with yellow base marked greenish black; large flower on a graceful stem. Height 20 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.40; 1,000 bulbs, \$18.

CORONATION SCARLET. 4. Bright scarlet; long, pointed flower with reflexing petals; very showy and handsome. Height 20 in. 10 bulbs, 80 cts.; 100 bulbs, \$7.

CYGNET. 3. Snowy white; flowers of good size and most refined form; very effective through the contrast of black anthers against the white petals. Height 20 in. 10 bulbs, \$1.20; 100 bulbs, \$10.

DORIS. 3. Soft rosy lilac, flushed silvery gray, with blue base; large, long flower of great beauty. Very handsome for bedding. Height 24 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$25.

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- ELEGANS.** 1. Brilliant crimson with yellow center; long flower with reflexing petals. An attractive Tulip for bedding, and very good for late forcing. Height 15 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$25.
- ELEGANS ALBA;** syn., **WHITE CROWN.** 2. Creamy white, with narrow margin of carmine-rose; large flower with reflexing petals. Fine for borders or late forcing. Height 20 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.
- ELEGANS LUTEA MAXIMA;** syn., **GOLDEN SPIRE.** 3. Bright yellow, slightly flushed orange-red as the flower ages; large flower, with pointed reflexing petals. A splendid Tulip for outdoor planting. Height 15 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$18.
- ELEGANS LUTEA PALLIDA;** syn., **LEGHORN BONNET.** 3. Soft primrose; large flowers, slightly reflexing. A very lovely Tulip for borders and for cutting. Height 16 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$25.
- FAIRY QUEEN.** 3. Soft rosy lilac, broadly margined amber-yellow; very large flowers of perfect form. One of the loveliest of the Cottage Tulips. Height 20 in. 10 bulbs, 35 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$20.
- FLAVA.** 4. Creamy canary-yellow; large, handsomely formed flower on stiff stem. Unusually decorative foliage of a silvery green color. An ideal Tulip for borders among the Darwin Tulips, and in good condition for some time after most of the Late Tulips have gone. Height 25 in. 10 bulbs, \$1.20; 100 bulbs, \$10.
- FULGENS.** 2. Clear crimson with white center; long flowers with reflexing petals carried on tall, stiff stems. Very striking in borders. May be forced slowly. Height 22 in. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$22.
- FULGENS LUTEA MAXIMA;** syn., **MRS. MOON.** 4. Rich golden yellow; large flowers of great beauty and substance, with pointed petals, carried on stout stems. A very handsome Tulip for out-of-doors. Height 25 in. 10 bulbs, 70 cts.; 100 bulbs, \$6; 1,000 bulbs, \$45.
- FULGENS LUTEA PALLIDA;** syn., **SOLFATARA.** 2. Pale sulphur-yellow; large, egg-shaped flower of very graceful habit. A beautiful Tulip for borders. Height 18 in. 10 bulbs, 70 cts.; 100 bulbs, \$6; 1,000 bulbs, \$45.

LATE OR MAY-FLOWERING TULIPS

GALA BEAUTY; syn., **COLUMBUS**. 4. Golden yellow, heavily blotched and striped crimson-scarlet; the flowers are large, with pointed petals, on stiff stems; sweet-scented. Very showy for beds or borders. Height 20 in. 10 bulbs, \$1.20; 100 bulbs, \$10.

GESNERIANA ALBA OCLATA; syn., **ROSALIND**. 4. Bright rosy crimson, with white base; sweet-scented. Height 22 in. 10 bulbs, 30 cts. 100 bulbs, \$2; 1,000 bulbs, \$15.

GESNERIANA AURANTIACA; syn., **GLOBE OF FIRE**; **ORANGE BEAUTY**. 4. Brilliant orange-scarlet; long, narrow flower of great beauty, with greenish yellow base. Fine for out-of-doors. Height 22 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.20; 1,000 bulbs, \$19.

GESNERIANA IXIODES. 4. Soft, clear yellow, with black base; large flower of distinct character. An unusually beautiful Tulip for out-of-door planting, because of the contrasts between the base and the top of the flower. Height 20 in. 10 bulbs, \$1; 100 bulbs, \$9.

GESNERIANA LUTEA. 4. Deep yellow; a flower of perfect form and large size; handsome for growing among shrubbery. Height 24 in. 10 bulbs, 40 cts.; 100 bulbs, \$3.25; 1,000 bulbs, \$22.

GESNERIANA LUTEA PALLIDA; syn., **MRS. KEIGHTLY**. 3. Pale yellow; large flower, finely shaped and sweet-scented; a beautiful variety. Height 24 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$35.

GESNERIANA SPATHULATA; syn., **GESNERIANA MAJOR**. 3. Rich crimson-scarlet, with blue-black base; large flower; very effective when seen from a distance against a background of evergreens. One of the best of the late-flowering Tulips for naturalizing. Height 24 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$20.

GLARE OF THE GARDEN; syn., **MACULATA GLOBOSA GRANDIFLORA**. 4. Bright crimson-red, with black center, edged yellow; large flower with reflexing petals. Height 17 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.50.

GOLDEN CROWN. 2. Opening pale yellow, edged crimson-red; as the flower ages, it turns to a golden orange suffused orange-red. Fine for beds and borders or late forcing. Height 16 in. 10 bulbs, 25 cts.; 100 bulbs, \$1.70; 1,000 bulbs, \$12.

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- INGLESCOMBE PINK; syn., SALMON QUEEN. 2. Soft rosy pink, with salmon flush, changing with age to a pink. Large, globular flowers, superb for borders and late forcing. Height 24 inches. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$22.
- INGLESCOMBE SCARLET. 4. Intense vermilion-red, with black base; large, showy flower on a graceful stem. Fine for borders and shrubbery. Height 20 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$32.
- INGLESCOMBE YELLOW. 4. Glossy canary-yellow; large, globular flower of perfect form, on sturdy stem. This new variety is a very handsome one, and is known abroad as the Yellow Darwin. Very fine for borders or among shrubs. Height 21 in. 10 bulbs, 75 cts.; 100 bulbs, \$6; 1,000 bulbs, \$50.
- INNOCENCE. 4. Pure white; large flowers of fine form, on long, stiff stems. Fine for borders, and for forcing if brought on late and slowly. Height 20 in. 10 bulbs, 90 cts.; 100 bulbs, \$8.
- INNOVATION. Grower's description: Creamy white, spotted and suffused with rosy purple; large, showy and attractive in its odd markings. Height 20 in. 10 bulbs, \$1.70; 100 bulbs, \$15.
- JOHN RUSKIN. 5. Salmon-rose, edged soft lemon-yellow, with greenish center; large flower of fine shape on graceful stem. A new variety of great merit. Height 16 in. 10 bulbs, \$1.50; 100 bulbs, \$14.
- LA CANDEUR; syn., PARISIAN WHITE; SNOWDON. 2. Silvery white; as the flower ages, it turns to a soft rose; medium size and globular form. Fine for borders. Height 16 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$18.
- LA MERVEILLE. 5. Orange-scarlet, flushed rose, with yellow center; very long, large flower of exquisite form, deliciously scented. A superb variety for any purpose. Height 20 in. 10 bulbs, 30 cts.; 100 bulbs, \$2; 1,000 bulbs, \$13.
- LA PANACHEE; syn., MARIA DE MEDICIS; LA RAVIS-SANTE. 3. White, striped and flaked red; good-sized flower of fine form. A showy variety for the border. Height 20 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$46.
- MISS WILLMOTT. 4. Delicate lemon-yellow, passing with age into a darker tone; long, large flower with slightly reflexing petals, on a sturdy stem. An exceptionally handsome Tulip among the newer varieties, and a good late forcing kind. Height 18 in. 10 bulbs, 75c.; 100 bulbs, \$6.50; 1,000 bulbs, \$52.

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MOONLIGHT. 1. A soft, but luminous canary-yellow; very long, oval-shaped flower with outer petals reflexing at the tip. This is one of the handsomest among the paler yellow Cottage sorts. Superb for any outdoor purpose, and fine for late pot culture. Height 25 in. 10 bulbs, \$1.15; 100 bulbs, \$10.

ORANGE KING. 4. Glistening deep orange, shaded rose, inside deep orange-scarlet with yellow center; sweet-scented; a globular flower of great size and brilliant coloring. Most attractive for beds or borders. Height 23 in. 10 bulbs, 85 cts.; 100 bulbs, \$7.

PARISIAN YELLOW; syn., ANNIE. 5. Bright yellow, with darker yellow center; large, pointed flower. Very attractive among shrubbery. Height 20 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.20; 1,000 bulbs, \$19.

PICOTEE; syn., MAIDEN'S BLUSH. 3. White, margined deep rose, the color suffusing the whole flower as it ages; medium-sized flower, reflexing. A very graceful Tulip for the border. Height 20 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.20; 1,000 bulbs, \$19.

PRIMROSE BEAUTY. 5. Opening pale primrose, changing to cream; very shapely flower of distinct color; sweet-scented. Fine for borders or late forcing. Height 16 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$32.

QUEEN ALEXANDRA. 3. Soft sulphur-yellow, with pale orange shading and black anthers; very refined shape. Height 22 in. 10 bulbs, 85 cts.; 100 bulbs, \$7.50.

RETROFLEXA. 1. Light yellow; very decorative Tulip with recurving petals; fine for cutting. Height 16 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.20; 1,000 bulbs, \$15.

RETROFLEXA SUPERBA. Grower's description: An improved form of Retroflexa, with larger flowers, having broad recurved petals. Height 18 in. 10 bulbs, \$1.20; 100 bulbs, \$10.

SIR HARRY. Grower's description: Beautiful lavender-pink; large flower of pointed shape. A very distinct new variety, but rather scarce. 10 bulbs, \$1.40; 100 bulbs, \$12.

STRIPED BEAUTY; syn., SUMMER BEAUTY. 3. Silvery rose, blotched and striped dark carmine and white; large, showy flowers on graceful stems. A splendid variety for outdoors, or late forcing. Height 18 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.

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- SUNBEAM.** Grower's description: A soft yellow sport of Elegans. Handsome flower, with recurving petals, carried on a graceful stem. An ideal Tulip for cutting. 10 bulbs, 70 cts.; 100 bulbs, \$6.
- SUNLIGHT.** 4. Grower's description: Glowing vermilion of great brilliancy, with black center edged yellow; a vivid color among the Cottage Tulips. Height 22 in. 10 bulbs, \$1; 100 bulbs, \$8.50.
- SUNSET;** syn., **BILLIETIANA SUNSET.** 2. Golden yellow, edged orange; with age the flower becomes orange-red; large, showy flower. Fine for borders. Height 13 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$27.
- THE FAWN.** 4. Pale rosy fawn, changing to cream, flushed blush-rose; large, egg-shaped flower of exquisite beauty on graceful stem. A gem among Late Tulips owing to its dainty color, which is difficult to describe accurately. For borders. Height 20 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$32.
- THE LIZARD.** 4. Soft yellow, flamed and feathered purple with a flush of dull rose; large flower on graceful stem; a Tulip of most unusual markings. Fine for borders. Height 16 in. 10 bulbs, 80 cts.; 100 bulbs, \$7.
- UNION JACK;** syn., **DISTINCTION.** 2. Light violet, feathered purple, with a few markings of white; large flower. A very striking variety for borders or late forcing. Height 20 in. 10 bulbs, \$1.20; 100 bulbs, \$11.
- VIRIDIFLORA.** 3. Known as the Green Tulip. Pale green, edged creamy yellow; large, long flowers. Best for borders or among shrubbery. Height 16 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.
- VITELLINA.** 3. Primrose, becoming creamy white as the flower ages; large flower with broad petals of great substance and beauty; sweet-scented. A very lovely Tulip for outdoor planting, and a good forcer. Height 20 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$32.
- WALTER T. WARE.** Deep golden yellow, the deepest and richest color among Late Tulips; broad, globular flowers, reflexing at the top. A variety of remarkable lasting qualities because of its substance and color. Height 18 in. Single bulb, \$1.50.

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WATER-LILY. 3. Pure white, with yellow center; a beautiful Tulip resembling a large, white water-lily. Height 21 in. 10 bulbs, \$3.50; 100 bulbs, \$30.

YORK AND LANCASTER. 3. Creamy white, shaded carmine-rose, the color suffusing the flower with age; long, large flower, with yellow and green center. An improved Isabella. Fine for outdoors. Height 14 in. 10 bulbs, 35 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$18.

ZOMERSCHOON. 4. Salmon-rose, flaked white; a variety two hundred and fifty years old, and very scarce; large, beautifully formed flower. Not of vigorous growth, but one of the loveliest of all Tulips. Height 15 in. 10 bulbs, \$4; 100 bulbs, \$35.

Darwin Tulips

The Darwin Tulips properly belong among the race of Tulips known as "Breeders." They were developed in the north of France, from seeds of choice varieties of Bybloem Tulips. Owing to the unusual clearness of the colors, to the thick substance of the petals, and to their vigorous habit of growth, these seedlings, when they came into the hands of one of the prominent Dutch firms, seemed worthy of forming a new class of Tulips. In 1889 they were fitly named in honor of the great evolutionist, and first offered for sale. They remained little known for a number of years, but with the renewed interest in the Tulip, which sprang up in England at the beginning of the present decade, they commenced to receive the attention of the enthusiasts. In America they are becoming more widely appreciated, and it appears certain that as soon as the Darwins are more largely planted, they will be deservedly recognized as the finest of all the Tulips.

The colors include the very brilliant scarlets and crimsons of the early Tulips, and the more somber tones of red as well. The shades of rose and pink, of violet and purple, are unsurpassed in any others of the Tulips for their delicacy or their full richness of color. There are certain slaty blues and blue-violets which might almost be called a blue, while the romancer's "Black Tulip" is very nearly realized in some of the dark maroon varieties. There are whites, but no yellows. All the bronze and buff tones often classed as Darwins are Breeders; while bright yellow and orange-scarlet must be sought among the Cottage Tulips. The Darwins may be left undisturbed for two or three years, but it must be kept in mind that the Tulip is not long-lived in our

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soil and climate, under ordinary circumstances. The stems of the Darwins are very long and sturdy, giving a noble stateliness peculiar to this class.

For the borders, among other hardy flowers, for isolated groupings against a background of shrubs, or for combinations of delicate colors for effects of contrast in the flower-garden, the Darwins are matchless. Their beauty is maddening, whether they are seen wide open in the strong glare of midday, or in the quieter light just before dusk, when the closed flowers best show the grace of their charmingly distinct shapes and the softness of their pale colors. In pots, if brought into heat not earlier than the middle of January, they force very successfully; and in the following list the sorts adapted to forcing are indicated. When forced, some varieties lose their true color, but even so they gain a pleasing softness that compensates for the lack of clearness.

CULTURE. The bulbs should be planted 5 to 6 inches deep, and not less than 5 inches apart. Sand, to the depth of $\frac{1}{2}$ inch at the base of the bulb, will repay the trouble through the provision for drainage during wet weather. If possible, shelter from cold winds should be afforded. For forcing, the bulbs should be potted as soon as received. The flowers appear to better advantage if pots a trifle deeper than ordinary bulb-pans are used.

The figure following the name indicates the relative time of flowering

AMOR. Grower's description: Glowing cherry-carmine, with bluish base. Large, well-formed flower; a very attractive novelty. Height 23 in. 10 bulbs, 55 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$37.

ANDRE DORIA. 1. Velvety maroon-purple, with black base; fine, large flower. Many of my visitors regard this as the best of its color. A good forcing variety. Height 26 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$36.

ANTON ROOZEN. 2. Vivid rose-pink, with white base marked blue; large, cup-shaped flower of great beauty. Height 23 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$36.

ARIADNE. 2. Brilliant rosy crimson, shaded scarlet, with blue base; large flower of great substance. An extra-fine Darwin for outdoors or for late forcing. Height 28 in. 10 bulbs, 70 cts.; 100 bulbs, \$6.30.

BARONNE DE LA TONNAYE. 2. Bright rose, margined blush-rose; long, large flower, retaining its color well. A sturdy variety, and one of the best for bedding or forcing. Height 26 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$27.

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- BLEU AIMABLE.** 3. Bright violet-purple, with distinct steel-blue shading; inside dark violet-purple, with blue base starred white; a very distinct and handsome Tulip of large size and shapely form. Superb for borders. Height 86 in. 10 bulbs, \$1.20; 100 bulbs, \$10.
- BLEU CELESTE.** 4. Grower's description: Light bluish lavender; a fine flower of good size. 10 bulbs, \$2; 100 bulbs, \$18.
- CANOSSA.** 2. Carmine-rose, flushed violet-rose; large and well-formed flower. Very striking for isolated groupings among shrubs. Height 24 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$36.
- CARL BECKER.** 1. Pale rosy violet, with center flushed salmon-rose; large flower of remarkable beauty. One of the very handsomest Darwins for the border, and beautiful when forced, though paler in color. Height 32 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$36.
- CENTENAIRE.** 1. Rich violet-rose, with large blue center; enormous flowers of perfect shape; a magnificent Tulip for the border. This variety attracted unflinching admiration in my trials last season. Height 32 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$42.
- CLARA BUTT.** 3. Clear pink, flushed salmon-rose; good-sized flower of very handsome shape. The finest Darwin of its color. Exquisitely beautiful out-of-doors, and one of the best forcing varieties. Height 21 in. 10 bulbs, 50 cts.; 100 bulbs \$4; 1,000 bulbs, \$32.
- CORDELIA.** 2. Glowing crimson-violet, with silvery flush on outer petals, white center with blue markings; large, bold flower. Very effective for the border. Height 24 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$36.
- CORYDON.** 2. Soft heliotrope, flushed and edged sage-white; inside slightly deeper color with white center; a flower of an artistic shade. Height 20 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.
- CREPUSCULE.** 3. Soft rosy lilac, flushed white, with white base; very large flower of good form. Magnificent for shrubbery or borders. Height 26 in. 10 bulbs, \$1.75; 100 bulbs, \$16.
- DAL ONGARNO.** 4. Pale lavender-violet; inside dark violet-purple, shading off into grayish violet; large, well-formed flower. Fine for the border or late forcing. Height 22 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$32.

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- DE SACEY.** 2. Brilliant maroon-red; very large flower of handsome form. A strikingly rich Tulip for contrasting with pale yellow Cottage Tulips among shrubbery. Height 24 in. 10 bulbs, 50 cts., 100 bulbs, \$4; 1,000 bulbs, \$34.
- DONDERS.** 1. Dark crimson-red, with white center marked blue; small flower but a very handsome shape. Fine for borders among perennials. Height 25 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$37.
- DOROTHY.** 3. Blush-white, shaded soft heliotrope; medium-sized flower. A very lovely light variety for borders or late forcing. Height 24 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$36.
- EDMEE; syn., BEAUTY.** 4. Vivid shade of cherry-rose, edged soft old-rose; large flower of very great beauty. Handsome in the border and fine for late forcing. Height 25 in. 10 bulbs, 60 cts.; 100 bulbs, \$5.25; 1,000 bulbs, \$45.
- ELECTRA.** 3. Soft rosy lilac, broadly margined grayish white; medium-sized flower of distinct shape. A pale variety of great beauty. Height 26 in. 10 bulbs, 65 cts.; 100 bulbs, \$5.50; 1,000 bulbs, \$46.
- ERGUSTE.** 2. Pale, dull violet, flushed silvery white; inside dark violet with white base; medium-sized flower of graceful habit. Splendid for borders, and one of the best Darwins for early forcing. Height 26 in. 10 bulbs, 60 cts.; 100 bulbs, \$7; 1,000 bulbs, \$50.
- EUROPE.** 2. Glowing salmon-scarlet, shaded rose; medium-sized flower on strong stem. Very fine for borders and a splendid variety for pot culture. Height 22 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$27.
- EUTERPE.** Grower's description: A bright mauve-lilac, edged soft lilac; large flower of a very beautiful color. Height 26 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$42.
- FANNY.** 1. Clear rosy pink, with white center marked blue; not a large flower, but one of exquisite color and form. Splendid for outdoor planting and for early forcing. Height 25 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$32.
- FAUST.** 4. Dark, satiny purple, with blue base; very large flower of fine form. Splendid for the border. Height 30 in. 10 bulbs, 90 cts.; 100 bulbs, \$8;

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- FLAMBEAU.** 3. Brilliant rosy scarlet, with blue base; medium-sized flower of good form. Showy for the border. Height 20 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.
- FLAMINGO** 3. A uniform soft shell-pink; medium-sized, pointed flowers of most refined form. A Tulip of distinct color and unsurpassed beauty for border planting. Height 28 in. 10 bulbs, 85 cts.; 100 bulbs, \$7.50.
- GEEFS.** Grower's description: Rosy crimson, shaded blue, with white center. A very fine and distinct new variety. 10 bulbs, 65 cts.; 100 bulbs, \$5.50; 1,000 bulbs, \$42.
- GEORGE MAW.** 3. Rosy carmine, edged old-rose, inside bright rose-red, shaded lighter at edges; white center, marked blue. Very beautiful for pot culture. Height 24 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$27.
- GIANT.** 2. Grower's description: Extra-deep violet, with a shade of reddish purple, and blue base; a very handsome flower of enormous size and sturdy habit. Height 29 in. 10 bulbs, \$4.25; 100 bulbs, \$40.
- GLOW;** syn., **CLAUDE GILLOT.** 3. Dazzling vermilion-scarlet, white base with blue markings; good-sized flower of very distinct shape. A very handsome Tulip, like an Oriental poppy in the dazzling glare of its color. Perhaps the finest scarlet Darwin for bedding or borders. Height 23 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$28.
- GRAND MONARCH.** 2. Violet-purple, with white center; large and finely formed flower. Extra-fine for borders. Height 25 in. 10 bulbs, \$1; 100 bulbs, \$8.50.
- GRYPHUS.** 2. Brilliant, dark violet-purple, with white center, marked blue; large flowers, beautifully formed, on long, graceful stems. A remarkably handsome flower, the best of this color. Height 26 in. 10 bulbs, \$1; 100 bulbs, \$8.50; 1,000 bulbs, \$70.
- GUDIN.** 3. Grower's description: A glistening lilac, with white flush and blue-and-white center; long, handsome flower on a stiff stem. Height 20 in. 10 bulbs, 80 cts.; 100 bulbs, \$7.
- GUSTAVE DORE.** 4. Bright cerise-pink, edged silvery rose, with white center; long flower on graceful stem. Very handsome for pots. Height 25 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.75; 1,000 bulbs, \$28.

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- HARRY VEITCH.** 1. A rich blood-red, very brilliant in the sunlight, with blue base; large, bold flower on long stem. Very fine for borders and an early sort for forcing. Height 28 in. 10 bulbs, 40 cts.; 100 bulbs, \$3.20; 1,000 bulbs, \$24.
- HECLA.** 2. Deep crimson-red, with white center marked blue; large, cup-shaped flower of great substance. Very fine for borders. Height 25 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$18.
- ISIS.** 3. Fiery crimson-scarlet, with blue base; very large flower of striking beauty. One of the newer varieties of great merit. Showy for borders or among shrubbery. Height 26 in. 10 bulbs, 75 cts.; 100 bulbs, \$7.
- KING HAROLD.** 3. Deep ox-blood red, with whitish base; very large flower of fine form, on sturdy stem. Superb variety for the border because of its rich color. Height 24 in. 10 bulbs, 40 cts.; 100 bulbs, \$3.25; 1,000 bulbs, \$27.
- LA CANDEUR; syn., WHITE QUEEN.** 2. Almost pure white when mature; at first tinged pale rose; the black anthers are effective when the flower is open; medium size. Fine for borders or pots. Height 24 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.
- LANTERN; syn., NIZZA.** 2. Pale, silvery lilac, passing into white, inside clear lilac with white base; medium-sized flower of extremely beautiful form. Fine for borders or for forcing, being a violet counterpart of Margaret. Height 20 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$17.
- LA TRISTESSE.** 3. Dull slaty blue, with white base; medium-sized flower; a Tulip of very distinct color. Handsome in combination with the primrose sorts among the Cottage Tulips. Not a forcing variety. Height 26 in. 10 bulbs, 65 cts.; 100 bulbs, \$5.50; 1,000 bulbs, \$44.
- LA TULIPE NOIRE.** 3. Very dark maroon-black, the blackest of all the Tulips, having a velvety sheen in the sunlight; very large flower of fine form. One of the newer varieties, and still very scarce. Height 25 inches. 10 bulbs, \$1.80; 100 bulbs, \$16.
- LEONARDO DA VINCI.** 1. Grower's description: Brilliant maroon-violet; soft-petaled flower of large size and fine form. Height 24 in. 10 bulbs, 55 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$34.

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- L'INGENUE. 2. Rosy white, with broad stripe of dull old-rose through center of petal, blue center; very large, tall flower of exquisite beauty. Fine for the border. Height 27 in. 10 bulbs, \$1.40; 100 bulbs, \$12.
- LOUISE DE LA VALLIERE. 2. Soft pink, with white base; good-sized flower of handsome shape. Very beautiful for borders or among shrubs. Only a few dozen bulbs obtainable this season. Height 24 in. 10 bulbs, \$4; 100 bulbs, \$35.
- LOVELINESS. 2. Soft carmine-rose, paler at the margin; of good size and fine form. A very lovely Tulip for any outdoor position. Height 21 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$27.
- MADAME KRELAGE. 2. Bright lilac-rose, margined pale silvery rose, inside soft rose-pink; very long flower of remarkably handsome form. A superb variety for borders and one of the best for pots. Height 28 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$36.
- MADAME LETHIERRY. 3. Dark cherry-rose, edged and flushed salmon; medium size and very distinct form. A unique color among the Darwins, and a variety of great beauty when grown in partial shade. Height 23 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.
- MARGARET; syn., GRETCHEN. 3. Silvery pale rose, flushed white, inside soft pink, with white center marked blue; large, globular flower on stiff stalk. A very beautiful flower of delicate color. Extra fine for forcing. Height 22 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$17.
- MARK TWAIN. 2. Soft rosy heliotrope, with white center; medium-sized flower of unique shape. A very distinct Tulip, and of great beauty for outdoor planting. Height 20 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.20.
- MASSACHUSETTS. 2. Vivid pink, with white center; large flowers of beautiful color and form. Superb for outdoor planting. Height 26 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.
- MASSENET; syn., THE DOVE. 2. Soft apple-blossom pink, flushed white, center white, marked blue; good-sized flower. A new variety of very delicate beauty. Height 24 in. 10 bulbs, \$1.25; 100 bulbs, \$11.

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- MATTIA.** 2. Clear carmine-rose, blue base; very large and beautifully shaped flower; sweet-scented. A handsome Tulip for borders. Height 24 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$36.
- MAY QUEEN;** syn., **ARENTINE ARENDSSEN.** 3. Soft lilac-rose, with white center marked blue; very long, large flower, somewhat drooping. One of the handsomest Darwins of this color. Fine for borders or among shrubs. Height 26 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$32.
- MELICETTE.** 3. Lavender-violet, edged violet-mauve, inside dark heliotrope with blue center; large flowers with reflexing outer petals. Very attractive for beds. Height 23 inches. 10 bulbs, \$1.30; 100 bulbs, \$12.
- MINISTER TAK VAN POORTVLIET.** 1. Glowing rosy scarlet with blue base; large flower on tall, sturdy stem. Very fine for outdoor planting. Height 25 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.
- MR. FARNCOMBE SANDERS.** 2. Scarlet, with rosy bloom, inside vivid crise-scarlet with white center marked blue; large, broad-petaled flower of perfect shape. One of the best sorts, if not the best, among the reds, either for borders or forcing. Height 25 in. 10 bulbs, 70 cts.; 100 bulbs, \$6; 1,000 bulbs, \$48.
- MRS. CLEVELAND.** 3. Soft flesh-white, suffused old rose, inside pale old rose with blue center; a flower of good size and very delicate coloring. Splendid for borders in partial shade. Height 24 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.
- MRS. STANLEY.** 3. Silvery purple-rose of a very bright, clear shade; blue base; large, long flower. Of great value for bedding or pot culture. Height 25 in. 10 bulbs, 40 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$27.
- NAUTICAS.** 1. Silky purplish rose, center dark violet, shaded bronze; large flower; a very handsome Tulip for outdoors, and splendid for early or late forcing. Height 30 in. 10 bulbs, 40 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$26.
- ORION.** 2. Dark scarlet with blue base; enormous flower of brilliant coloring. Remarkably fine for outdoors, and the best of the Darwins for bedding. Height 24 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$40.

DARWIN OR LATE TULIPS

PAINTED LADY. 3. Creamy white, faintly tinged soft heliotrope when opening; good-sized flower on dark stem; a very beautiful flower, somewhat resembling a water-lily. Fine for outdoors or late forcing. Height 27 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.

PETRUS HONDIUS. Grower's description: Bright carmine-rose; good sized flower of handsome shape, recommended as the most brilliant color in Darwin Tulips. 10 bulbs, \$3.25; 100 bulbs, \$30.

PHILIPPE DE COMMINES. 1. Velvety dark purple; large flowers on stiff stems; one of the less expensive sorts in this color. Fine for borders and one of the earliest Darwins for forcing. Height 24 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$33.

PHYLLIS; syn., **LINA SCHNEIDER.** 3. Grayish white, slightly flushed soft lilac; medium-sized flower. A beautiful variety for borders. Height 24 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$20.

PRIDE OF HAARLEM. 1. Brilliant rosy carmine, with blue base; very large flower of superb form, borne on tall, strong stem; a wonderful Tulip, both for its glorious color and its stately habit; sweet-scented. Unsurpassed for borders, and a sure and early-forcing Darwin. Height 25 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.

PRINCE OF THE NETHERLANDS. 3. Glowing cerise-scarlet, flushed salmon-rose, with blue base; extra-large flower and vigorous habit. A variety highly praised for its striking color and great size, as it is one of the tallest May-flowering Tulips. Height 30 in. 10 bulbs, \$1.80; 100 bulbs, \$16.

PRINCESS JULIANA. Grower's description: Orange-scarlet, flushed salmon with blue base; a color of dazzling brilliancy; medium-sized flower. 10 bulbs, \$1; 100 bulbs, \$8.50.

PROFESSOR FRANCIS DARWIN. 2. Crimson-scarlet with blue base; large flower of bold character. Splendid for borders. Height 22 in. 10 bulbs, 55 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$36.

PROFESSOR RAUWENHOF. 3. Deep cherry-rose with salmon glow inside; enormous flower of great substance on a strong stem. Superb for borders or among shrubbery. Height 28 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.50.

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- PSYCHE.** 2. Rich rose, inside shaded silvery rose, with pale blue base; large, handsome flower on sturdy stem. Very beautiful for borders or pot culture. Height 26 in. 10 bulbs, 85 cts.; 100 bulbs, \$7.50.
- PURPLE PERFECTION.** 2. Glossy maroon-purple; large cup-shaped flower, lasting long in condition. A new variety of very great beauty for outdoors. Height 23 in. 10 bulbs, \$1.50; 100 bulbs, \$13.
- QUEEN OF BRILLIANTS.** 2. Bright, rosy carmine; large, showy flowers of erect habit. Very fine for borders. Height 25 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.50.
- QUEEN OF ROSES.** 2. Bright, deep rose, flushed silvery rose; good-sized flower. A very handsome Darwin for grouping among shrubbery. Height 23 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$26.
- REINE WILHELMINA.** 4. Soft rosy white, inside flushed buff; large flower on tall, dark-colored stem. A splendid variety for the border. Height 24 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$40.
- REMEMBRANCE.** 3. Grower's description: Deep violet, shaded rosy purple, with silvery margin; a flower of a very captivating color. Height 26 in. 10 bulbs, \$1.50; 100 bulbs, \$13.
- REVEREND EWBANK.** 2. Soft lavender-violet, darkening toward base. Good-sized flower of remarkably beautiful color. Fine for borders or for forcing. Height 22 in. 10 bulbs, 60 cts.; 100 bulbs, \$5.50; 1,000 bulbs, \$46.
- REVEREND HARPER CREWE.** 2. Dull amaranth-red, edged deep mauve-rose, inside brilliant crimson-carmine with blue base; a flower somewhat similar in color to Centenaire, but longer and more slender. Fine for outdoors. Height 25 in. 10 bulbs, \$1; 100 bulbs, \$8.50.
- RONALD GUNN.** 3. Clear violet, with white center, very distinct shade; medium-sized flower. Effective among white-flowering shrubs. Height 23 in. 10 bulbs, 70 cts.; 100 bulbs, \$6; 1,000 bulbs, \$48.
- ROSE TENDRE.** Grower's description: Brilliant flesh-colored pink; a large flower of great beauty. Height 27 in. 10 bulbs, \$1.50; 100 bulbs, \$13.

D A R W I N O R L A T E T U L I P S

SCYLLA. 2. Fiery scarlet with blue base; large flower of bold habit. A dazzling color for borders, and good for forcing. Height 26 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$36.

SOPHROSYNE. 2. Very soft, rosy lilac, flushed silvery white, with blue base; large flower of very delicate beauty. A new variety of exceptional merit for the border. Height 25 in. 10 bulbs, \$1.50; 100 bulbs, \$13.

SPRING BEAUTY. 2. Clear scarlet with blue base; large flower of most refined form. A very intense color for planting among shrubbery. Height 23 in. 10 bulbs, \$1; 100 bulbs, \$8.50.

SUZON. 2. Soft buff-rose, shading to blush at margin of petals, inside soft flesh-pink with white center marked blue; large, erect flower. Very handsome in the border and splendid for late forcing. Height 25 in. 10 bulbs, 80 cts.; 100 bulbs, \$7; 1,000 bulbs, \$60.

SYBILLA MERIAN. 3. Soft lilac with broad white edge, inside slaty lilac, edged white, with large white base; good-sized flower of distinct character. Fine for outdoors. Height 23 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$37.

THE SULTAN; syn., JOSEPH ISRAELS. 1. Rich maroon-black with blue base; small flower of very fine form. A good dark Tulip, and useful for early forcing. Height 25 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.20; 1,000 bulbs, \$15.

VELVET KING. 3. Dark, glossy purple-maroon, with white base marked blue; an enormous flower having an extra number of petals and splendid lasting qualities. A magnificent Tulip for the border or shrubbery. Height 25 in. 10 bulbs, \$1.70; 100 bulbs, \$16.

VIKING. Grower's description: A dark purple-violet; of lustrous texture. Height 23 in. 10 bulbs, \$1.25; 100 bulbs, \$11.

VIOLET QUEEN. 3. Deep rosy violet with white base; large flower of stately habit. Splendid for the border or for pot culture. Height 26 in. 10 bulbs, \$1.20; 100 bulbs, \$11.

WASHINGTON; syn., DAUBIGNY. 2. Rich carmine-rose, with white base marked blue; very large and striking flower. Very fine for growing in pots. Height 28 in. 10 bulbs, 60 cts.; 100 bulbs, \$5.25; 1,000 bulbs, \$48.

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- WHISTLER.** 2. Vivid maroon-crimson, with blue base; extra-large flower. A very showy Tulip for outdoors. Height 24 in. 10 bulbs, 85 cts.; 100 bulbs, \$7.50.
- WILLIAM COPELAND.** 1. Lilac-rose; not a large flower, but of merit because of its suitability for forcing, as it is the earliest of all Darwins, and, when forced, has a very lovely color. Height 24 in. 10 bulbs, 70 cts.; 100 bulbs, \$6.
- WILLIAM PITT.** 2. Very dark crimson, with purplish bloom on the outer petals; large flower of distinct color and great beauty. Fine for borders and for forcing. Height 22 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$38.
- YOLANDE; syn., DUCHESS OF WESTMINSTER.** 3. Bright rose-pink, shaded salmon; very large and beautiful flower. Fine for the border. Height 27 in. 10 bulbs, \$4.
- ZULU.** 2. Rich, velvety purple-black; large, egg-shaped flower of very distinct form. Fine for the border and splendid in pots. Height 27 in. 10 bulbs, \$1.20; 100 bulbs, \$10.

Rembrandt Tulips

The Rembrandt Tulips comprise a new strain of variegated Darwin Tulips. All the garden Tulips have an inherent tendency to sport from clear colors into striped and feathered forms. When this variegation appears, the new form is known as a "broken" or "rectified" Tulip. Certain broken Darwins are now classed as Rembrandt Tulips, and a selection of the best varieties is well worth growing. The colors are not very distinct in this class, and in the borders these Tulips should be grouped by themselves. Several varieties are well adapted for pot culture; indeed, it is probable that out-of-doors they will prove attractive through their color-contrasts, rather than through their effectiveness, for brilliant display.

Rembrandt Tulips require the same cultural treatment as the Darwins.

The figure following the name indicates the relative time of flowering

- BUTTERFLY.** 3. Soft lilac, striped deep carmine; medium-sized flower. Height 20 in. 10 bulbs, 60 cts.; 100 bulbs, \$5.25.
- CARACALLA.** 3. White, flamed and feathered carmine-red; good-sized flower. Height 21 in. 10 bulbs, 60 cts.; 100 bulbs, \$5.25.

NEW REMBRANDT TULIPS

CRIMSON BEAUTY. 3. Rosy carmine, flamed white and dark red; large. Height 23 in. 10 bulbs, 55 cts.; 100 bulbs, \$4.50.

EROS. 3. Soft lilac, feathered dark violet; medium-sized flower. A good border variety. Height 25 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20.

LA COQUETTE. 2. Violet, flamed dark purple and white; medium-sized flower. Very handsome for pots. Height 20 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.50.

MARCO SPADO. 3. White, flamed bright carmine-red; large flower. Height 22 in. 10 bulbs, 65 cts.; 100 bulbs, \$5.50.

QUASIMODO. 2. White, feathered bright crimson; large flower. Very fine for pot culture. Height 23 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.

ROSY GEM. 3. Rosy lilac, striped dark carmine-red and feathered white; good-sized flower. A good border variety. Height 24 in. 10 bulbs, 65 cts., 100 bulbs, \$5.50.

VICTOR HUGO. 2. Brilliant carmine-red, feathered and flamed white; large flower. Fine for outdoors, and a very striking Tulip for late pot culture. The best of the Rembrandts. Height 24 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.50.

ZENOBIA. 2. White ground flushed lilac and striped velvety maroon. Fine for the border. Height 21 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.

Breeder Tulips

The Breeders are unbroken forms of the old-time florist's Tulip, the race which has held the favor of the English fanciers for over a century. From them, as the name implies, are derived the "rectified" forms classed as Bybloems and Bizarres. Breeders are of vigorous growth and have characteristic, large, self-colored flowers (generally dull-toned or bronze-shaded); many of them are deliciously scented. They are especially valuable Tulips for the garden, in spite of the dull shades, as they possess such refined colors and such artistic blending of tones that it is impossible not to admire their somber beauty. In size and height they frequently surpass even the largest and tallest Darwins.

No better advice can be given to the lover of the Tulip than

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to make the acquaintance of this handsome race. When I first introduced the Breeder Tulips to the American public, they were comparatively unknown, but the enthusiastic approval shown in my trials has induced me to search throughout Holland to obtain a complete selection of these fascinating Tulips, with the result that the following list contains a complete selection of many varieties that have no counterpart in any other class of Tulips.

Out-of-doors, Breeders require the same cultural treatment as the Darwins.

The figure following the name indicates the relative time of flowering

- APRICOT.** 3. Dull bronzy buff, shaded ruddy apricot, with olive base; large flower. Very effective in borders combined with Darwin Tulip, Canossa. Height 25 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$36.
- BACCHUS.** Grower's description: Dark plum-violet; very large, egg-shaped flower; a very distinct Breeder, but quite scarce. 10 bulbs, \$3.25; 100 bulbs, \$30.
- BRONZE KING.** 2. Dull golden brown, with olive base. Very handsome in the border. Height 23 in. 10 bulbs, \$1; 100 bulbs, \$8.
- BRONZE QUEEN;** syn., **BISCUIT;** **CLIO.** 3. Soft buff, inside tinged golden bronze; large flower of sturdy habit. Very fine out-of-doors, and of a most refined color when forced. Height 26 in. 10 bulbs, 60 cts.; 100 bulbs, \$5.25; 1,000 bulbs, \$48.
- CARDINAL MANNING;** syn., **KINGSCOURT.** 3. Dull wine-red, flushed rosy bronze; very large flower. Height 28 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$38.
- CATAFALQUE.** Deep brown, shaded golden bronze, with olive base. Height 25 in. 10 bulbs, \$2; 100 bulbs, \$18.
- CHARLES DICKENS.** 2. Soft rose with white base; very large, egg-shaped flower. A splendid variety. Height 26 in. 10 bulbs, \$1; 100 bulbs, \$8.
- CHESTNUT;** syn., **LA NUIT.** 2. Very dark brown, almost a black. Very effective when planted with Cottage Tulip, Bouton d'Or. Height 24 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.

HANDSOME BREEDER TULIPS

- CLOWN.** Grower's description: Deep blue-purple; a large flower of fine habit. A very handsome Tulip for border plantings, offered for the first time in America. 10 bulbs, \$1.40; 100 bulbs, \$12.
- CORIDION.** 3. Clear yellow, overlaid with stripe of lilac through center of petal. Fine for shrubberies. Height 24 in. 10 bulbs, \$1.25; 100 bulbs, \$11.
- DOM PEDRO.** 4. A unique shade of coffee-brown, shaded maroon, inside rich mahogany; large flower; very fragrant. Height 20 in. 10 bulbs, \$1.25; 100 bulbs, \$11.
- FAIRY.** Grower's description: Reddish mahogany, with bronze shading; an extra-large flower of artistic character. Splendid in the border and for late forcing. 10 bulbs, 75 cts.; 100 bulbs, \$6.
- FAVORITE.** Grower's description: Dull chrome-yellow, deeply tinged dark bronze. A flower of good size suitable for outdoor planting. 10 bulbs, \$2; 100 bulbs, \$18.
- FEU ARDENT.** 2. Grower's description: Crimson-mahogany, shaded with glossy dark orange; large, cup-shaped bloom of great brilliancy. A very handsome Breeder, but not obtainable in large quantities. Height 24 inches. 10 bulbs, \$1.25; 100 bulbs, \$10.
- GENERAL NEY.** 3. Dull old-gold, with olive base; large flower. Height 25 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.
- GERARDA.** 3. Orange-brown; large flower; sweet-scented. Height 22 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.
- GODET PARFAIT.** 3. Bright violet, with white base; very large flower of striking color. Fine for the border. Height 30 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.50.
- GOLDEN BRONZE;** syn., **TOISON D'OR.** 3. Rich golden bronze, shaded mahogany, with old-gold base; large, open flower of great beauty. Height 25 in. 10 bulbs, \$1; 100 bulbs, \$8.50.
- GOLDFINCH.** Grower's description: Dull orange, with bronze markings, somewhat resembling tortoise-shell; a flower of good size and oval shape. 10 bulbs, \$2.25; 100 bulbs, \$20.

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- HAMMER HALES.** Grower's description: Rich mahogany-brown, edged orange; long flower. To be had only in limited quantity. 10 bulbs, \$2.80; 100 bulbs, \$25.
- HELOISE.** 1. Purplish red; very large flower. Extra fine for the border. Height 30 in. 10 bulbs, 60 cts.; 100 bulbs, \$5;
- JAUNE D'OEUF.** 4. Ruddy apricot, inside soft yellow with black base and anthers; large, globular flower on very graceful stems. A striking variety. Height 21 in. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$22.
- LA JOYEUSE.** 3. Silvery gray, flushed lilac; good-sized flower. A very lovely variety for borders. Height 26 in. 10 bulbs, \$2.25; 100 bulbs, \$20.
- LA SINGULIERE;** syn., **LORD CURZON.** 3. Opening silvery white, heavily flushed at margin with dark maroon-crimson; with age the color tinges the whole flower; very large. A distinct variety. Height 25 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$36.
- LION D'ORANGE.** 1. Orange-scarlet, with yellow base; flower large and sweet-scented. Fine for borders. Height 18 inches. 10 bulbs, 30 cts.; 100 bulbs, \$2.30; 1,000 bulbs, \$18.
- LOUIS XIV.** 3. Dark purple, flushed bronze, with broad margin of golden brown; very large globular flower. A superb sort for any outdoor situation. In great demand in England, and obtainable only in small quantities. Height 28 in. 10 bulbs, \$5; 100 bulbs, \$45.
- LORD BYRON.** 3. Purplish red; very large flower on sturdy stem. Fine for isolated grouping. Height 24 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$42.
- LUCIFER.** 3. Bright terra-cotta-orange; enormous flower on very tall stem. Extra fine. Height 18 in. 10 bulbs, \$1; 100 bulbs, \$8.50.
- MAHONY.** 3. Brilliant mahogany-brown, a unique shade among late Tulips; very large flower of great substance, on a long stem. Height 18 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$37.
- MAITRE PARTOUT.** Grower's description: Deep golden bronze, with olive center; very large flower of sturdy growth. A splendid border variety. 10 bulbs, 30 cts.; 100 bulbs, \$2.20; 1,000 bulbs, \$15.

HANDSOME BREEDER TULIPS

- MARIE LOUISE.** 3. Old-rose, flushed orange-salmon; good-sized flower of great beauty. A very handsome Tulip for the border. Height 23 in. 10 bulbs, 65 cts.; 100 bulbs, \$5.50.
- MARY HOLLIS.** Grower's description: Soft rosy red; a large and handsome flower on a very strong stem: a scarce variety. 10 bulbs, \$1.30; 100 bulbs, \$12.
- MEDEA.** 3. Salmon-carmine, a color that keeps well; one of the largest Tulips known. Height 27 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$40.
- MON TRESOR.** 3. Bright carmine-red; large flower of a very striking color, on sturdy stem. A very fine Breeder for out-of-doors. Height 25 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.
- PLUTARCHUS.** 3. Bronze, shaded at base with terra-cotta; large flower of great beauty. Handsome for borders or among evergreens. Height 26 in. 10 bulbs, \$1; 100 bulbs, \$8.
- PLUTO.** Grower's description: Self-colored rosy violet; a large flower of very soft shade. Fine for outdoor planting. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- PRINCE OF ORANGE.** 3. Orange-scarlet, edged lighter red; large, striking flower. Splendid for the border. Height 24 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.
- PROFESSOR SCHOTTEL.** Grower's description: Bright grayish violet; medium-sized flower; a Breeder of attractive coloring, but very scarce. 10 bulbs, \$2.25; 100 bulbs, \$20.
- ROBINSON.** Grower's description: Deep bluish purple; a bold flower of fine habit; one of the little-known varieties among the Breeders. 10 bulbs, \$1.70; 100 bulbs, \$15.
- ROSE DES DAMES.** 2. Dark rosy lilac, almost a dark pink; medium-sized flower but of a very beautiful shade. Fine for the border. Height 23 in. 10 bulbs, 40 cts.; 100 bulbs, \$3.20; 1,000 bulbs, \$25.
- RUBY.** Grower's description: Deep blood-red, faintly flushed orange; a large flower of unusual shade. Fine for outdoor planting. 10 bulbs, 80 cts.; 100 bulbs, \$7.
- SENSATION.** Grower's description: Rich old-gold, shaded deep bronze; a flower of good size. Well suited for border planting. 10 bulbs, \$2.40; 100 bulbs, \$22.

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TARA. Grower's description: Glowing ruby-rose; a strikingly beautiful and rare variety. 10 bulbs, \$1.85; 100 bulbs, \$17.

TURENNE. 2. Purplish brown, with broad margin of soft yellow; very large flower of beautiful color. A handsome Tulip for the border. Height 30 in. 10 bulbs, \$1; 100 bulbs, \$8.50.

YELLOW PERFECTION. 2. Light bronze-yellow, edged golden yellow; large flower of remarkable beauty. A lovely Tulip, and very effective when planted with the Darwin Tulip, Clara Butt. Height 24 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.50; 1,000 bulbs, \$50.

Bybloem and Bizarre Tulips

Bybloem and Bizarre Tulips are "rectified" Breeder types. These Tulips are an old race, having been grown in Holland long before the early sorts were known. They are tall growers and have large flowers particularly noteworthy for their beautiful shape.

The Bybloems are striped and feathered rose or violet, on a white ground; the Bizarres have dark brown or maroon-red stripes and feathering, on a yellow ground. The new varieties in this class are far finer than the older, smaller kinds, and are very attractive in the herbaceous border. They come into flower about the same time as the later Darwins, and should have the same cultural treatment. They do not grow quite so tall, however, and show off to best advantage by themselves. The bulbs of these Tulips are never very large.

The figure following the name indicates the relative time of flowering

ADMIRAL KINGSBERGEN. 2. Rose Bybloem. White, flamed and feathered bright scarlet; large flower of great beauty, with an exceedingly stiff stem. Height 23 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.50.

ATHALIA. 3. Rose Bybloem. White, bordered and feathered bright rose; large flower. One of the most beautiful of all this class. Height 20 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$35.

BLACK BOY. 2. Bizarre. Yellow ground, flamed and feathered dark brown; medium-sized flower. A very striking Tulip for borders or among low evergreens. Height 21 in. 10 bulbs, 60 cts.; 100 bulbs, \$5.25; 1,000 bulbs, \$44.

BYBLOEM AND BIZARRE TULIPS

- GLORY OF HOLLAND.** 2. Violet Bybloem. Pure white, bordered and profusely feathered violet-purple. A fine example of the old florist's Tulip. 10 bulbs, 85 cts.; 100 bulbs, \$7.50.
- LADY STANLEY.** 2. Violet Bybloem. White, striped and feathered dark violet; medium size; fine for borders. Height 19 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.
- LE DUEL.** 3. Bizarre. Bright yellow, feathered dark brownish red; large flower; a very handsome variety. Height 19 in. 10 bulbs, 85 cts.; 100 bulbs, \$7.50.
- REINE DE HOLLANDE.** 2. Rose Bybloem. White, flamed and feathered dark red; medium size. A distinct Tulip in its markings. Height 21 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.50.
- ROI DES CERISES.** 2. Rose Bybloem. White ground, feathered bright wine-red; good-sized flower of exquisite shape. One of the best for borders. Height 20 in. 10 bulbs, 55 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$36.
- ROMEA; syn., MONSIEUR DE FAESCH.** 3. Bizarre. Bright yellow, feathered and bordered orange-red; large flower. A very striking variegated sort. Height 20 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$34.
- VONDEL.** 2. Violet Bybloem. White ground, striped dark violet, and feathered light bluish violet; medium-sized. A splendid variety. Height 21 in. 10 bulbs, \$1.20; 100 bulbs, \$10.

Parrot Tulips

Parrot Tulips are May-flowering sorts having lacinated or slashed edges. They take their name from a supposed similarity of the flower in the bud state to the head of a parrot. The flowers are large and of striking color, growing about 14 or 15 inches high, but a tendency to weak stems makes them unsuited for bedding purposes. They are best grown in the border or among shrubs, where their habit of growth is not so great a disadvantage. Parrots are notoriously shy bloomers, but in this respect the stock offered below will be found unusually satisfactory. To offset this characteristic the bulbs should be planted not more than 4 or 5 inches apart.

ADMIRAL VON CONSTANTINOPLE. Bright scarlet, shaded orange; very showy. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$17.

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- CRAMOISI BRILLANT.** Rich blood-crimson, with black markings; very large and brilliantly effective. A very free bloomer. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$17.
- LUTEA MAJOR.** Clear yellow, with a few crimson and green blotches and stripes. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$17.
- MARKGRAAF VON BADEN.** Orange, shaded and feathered reddish purple and green, inside orange-yellow. The most striking of the Parrots. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$17.

Tulip Species

The various species of botanical Tulips are natives of Asia Minor and Central Asia; indeed, the ancestors of all our garden Tulips have had their home in parts of Turkey and Asia Minor. These species show an almost endless variety of color, shape, height, and season of bloom, though the general characteristics are bright colors and pointed or recurved petals. Only a few of the sorts retain a robust constitution when transferred from their habitat, yet for rock-gardens or spring borders many kinds are fairly well adapted, and will be contented for two or possibly three seasons, if care is taken to provide suitable quarters for them. Those who desire to have at least a fairly representative collection of Tulips will not fail to plant at least some of these. From the many known species a few that are especially handsome or showy are included in the following list:

- CARINATA RUBRA.** Dark crimson, center of the petal having a stripe of apple-green; medium-sized. An unusual combination of color, which I would recommend highly for formal planting with dwarf evergreens, and particularly in conjunction with edgings of low box. Height 15 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.
- CLUSIANA.** Outer petals bright cherry-red, inner petals creamy white, with violet base; small flower, but very distinct and beautiful. It should be planted in light soil 6 to 9 inches deep in the rock-garden or among stones in the front of the herbaceous border. A warm and sheltered situation should be chosen, where it will prove to be a gem among early-flowering Tulips. Known commonly as "The Lady Tulip." Flowering season late April. Height 8 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.

TULIPS OF VARIOUS SPECIES

FOSTERIANA. Brilliant vermilion-scarlet, center marked yellow or black; enormous flowers with long, pointed petals.

A very striking new species from Bokhara. Late April. Height 9 in. 10 bulbs, \$2.25; 100 bulbs, \$20.

GREIGI. Orange-scarlet, sometimes showing a tone of deep yellow; foliage spotted dark brown. A very wonderful Tulip when it flowers well, but it is not always a good grower, and frequently some of the bulbs will not bloom at all. Late April or early May. Height 9 in. 10 bulbs, \$1; 100 bulbs, \$9.

KAUFMANNIANA. Creamy white, more or less tinged rosy red on the outside; among a number of bulbs there will be a difference in the character of the markings. Large flower of very handsome form, with broad, reflexing petals. The earliest of all Tulips, flowering late in March or early in April. Height 12 in. 10 bulbs, \$1.20; 100 bulbs, \$10.50.

MARJOLETTI. Soft primrose, shaded carmine-red at base; small flower of very attractive color. A Tulip from Savoy, flowering about the second week in May. Height 14 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.20; 1,000 bulbs, \$18.

MAURIANA. Glowing scarlet, with clear yellow base; large, elegantly formed flower. A splendid Tulip from Savoy for the border or for bedding. Middle to end of May. The last Tulip to bloom. Height 21 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.30; 1,000 bulbs, \$18.

OCULUS-SOLIS. Crimson, with black center; large flower. Early May. Height 14 in. 10 bulbs, 35 cts.; 100 bulbs, \$2.60; 1,000 bulbs, \$20.

PRAESTANS. Dazzling orange-scarlet; very long, large flowers sometimes coming four or five to a stem. A very showy Tulip from Bokhara, and superb for bedding. Late April. Height 14 in. 10 bulbs, \$1.60; 100 bulbs, \$14.

SYLVESTRIS; syn., FLORENTINA. Pure yellow; medium-sized, drooping flowers. The sweet-scented wild English Tulip. Fine for naturalizing, but must become established before it flowers freely. Height 16 in. 10 bulbs, 25 cts.; 100 bulbs, \$1.50; 1,000 bulbs, \$12.

TUBERGENIANA. Brilliant vermilion, with sharply defined black base; long, pointed flower of enormous size when fully open. From Bokhara. Showy among low evergreens. Second week in May. Height 14 in. 10 bulbs, \$5; 100 bulbs, \$40.

Tulip Mixtures

Although the planting of mixed bulbs seems to be in rather poor taste, there are some occasions where the use of named varieties is inadvisable. To meet the requirements of those who may wish to plant mixtures of Tulips, I am able to supply a superior quality of bulbs, in a varied assortment of colors, which will give the highest satisfaction. CREAM QUALITY will be as evident in all of my mixtures as in any other bulbs I shall send out.

SINGLE EARLY TULIPS—Cream Quality Mixture. 100 bulbs, \$1.75; 1,000 bulbs, \$14.

DOUBLE EARLY TULIPS—Cream Quality Mixture. 100 bulbs, \$2; 1,000 bulbs, \$16.

COTTAGE TULIPS—Cream Quality Mixture. 100 bulbs, \$2; 1,000 bulbs, \$17.

DARWIN TULIPS—Cream Quality Mixture. 100 bulbs, \$2.25; 1,000 bulbs, \$20.

BREEDER TULIPS—Owing to the great demand and consequent scarcity of Breeder Tulips, a satisfactory mixture cannot be supplied, as only a few varieties are available for this purpose.

PARROT TULIPS—Cream Quality Mixture. 100 bulbs, \$1.80; 1,000 bulbs, \$15. A fine mixture is generally as satisfactory a named sort of Parrot Tulips, and I would advise that selection be made in this way.



NARCISSI, or Daffodils, are probably the most popular of spring-flowering bulbs. Blooming before the winter snows are forgotten, they bring to the garden its first lavish display of color, spreading out their hoard of yellow beauty in response to the coaxing of the April sun. From March until well into May the Daffodils are in bloom, and by a judicious selection of varieties the borders may be kept bright for over a month. Whether the great trumpets of the new monsters are handsomer than the dainty elegance of the small-crowned sorts must be a question of individual taste, but there are no Daffodils without the charm of shape or color. Its ease of culture makes the Daffodil the flower for every garden.

In 1909 the Royal Horticultural Society of England adopted a revised classification of the Daffodils, which, in the main, is followed in this list. According to the new arrangement the following divisions are recognized:

- I. TRUMPET DAFFODILS. Trumpet or crown as long as or longer than the perianth segments.
AJAX YELLOW. Perianth and trumpet yellow.
AJAX BICOLOR. Perianth white, trumpet yellow.
AJAX WHITE. Perianth and trumpet white.
- II. INCOMPARABILIS DAFFODILS. Cup or crown measuring from one-third to nearly equal the length of the perianth segments.
- III. BARRII DAFFODILS. Cup or crown measuring less than one-third the length of the perianth segments.
- IV. LEEDSII DAFFODILS. Comprising all the chalice-cupped and short-cupped Narcissi having white perianth, and cup or crown of white, cream or pale primrose.
- V. TRIANDRUS AND THEIR HYBRIDS.
- VI. CYCLAMINEUS AND THEIR HYBRIDS.
- VII. JONQUILS AND THEIR HYBRIDS.

VIII. TAZETTA AND THEIR HYBRIDS.

POETAZ. Hybrids between Poeticas and Polyanthus sorts.

IX. POETICUS DAFFODILS. All with snowy white perianth, and flattened yellow crown more or less deeply colored with scarlet or crimson.

X. DOUBLE DAFFODILS.

CULTURE. Daffodils appear to greater advantage and succeed best when grown in partial shade. A position where they can be protected from the midday sun will not only prolong their season of bloom, but will help to retain the bright color of the red- and orange-cupped kinds. In borders a spot where taller plants provide some shade should be chosen, and if the bulbs have to contend with the roots of moderately vigorous perennials, they seem to thrive all the better. Owing to the varying sizes of different bulbs, it is inadvisable to give an average depth at which they should be planted. A safe and simple rule is to cover the bulbs one and a half times their own depth, measuring from the part near the top, where the bulbs begin to swell into ovoid form, to the base. In light soils the bulbs should be set half an inch deeper. The distance between bulbs should be 3 to 4 inches for the smaller sorts, and 5 to 6 inches for the larger ones. Never use stable manure unless it be thoroughly well rotted, and always keep it deep enough not to come in contact with the bulbs. Bone-meal is as good a fertilizer as any.

For pot culture the Narcissi are the most easily manageable of all bulbs, if the few necessary requirements are fulfilled, and sorts that do not lend themselves to hard forcing are avoided. An excess of bottom heat at any stage must be guarded against, and plenty of water given when active growth begins.

Several varieties of Narcissi are inclined to rot if left too long out of the ground, and it is imperative, where this characteristic is noted, to plant as soon as the bulbs are received. All the bulbs I send out are sound and healthy, but I cannot be responsible for decaying bulbs unless notified at once upon their receipt.

If the border is covered in the fall, be careful not to use too much protection—3 or 4 inches of leaves, applied after the ground is frozen, is sufficient.

The varieties in this list have been selected with the idea of providing not only the very best standard kinds and the better-known novelties, but also the newer and rarer productions of the foreign hybridists, which I can confidently recommend as being the gems among the hundreds developed by these specialists.

The figure following the name indicates the relative time of flowering

N A R C I S S I, O R D A F F O D I L S

- ALBATROSS.** *Barrii*. 4. Large, flat white perianth; cup pale citron with a ribbon edge of bright orange-scarlet and frilled brim; a fine, large flower of good substance. Height 20 in. 10 bulbs, \$1.75; 100 bulbs, \$16.
- ALIDA.** Yellow Trumpet. Trumpet and perianth soft canary-yellow; a flower of great size and substance, and of perfect form. A most attractive color for the border. 10 bulbs, \$1.70; 100 bulbs, \$15.
- ALMIRA;** syn., **KING EDWARD VII.** *Poeticus*. 5. Round white perianth; cup light yellow, margined deep red; a fine example of the newer Narcissi. Of vigorous habit in the border, and very handsome in pots. Height 15 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$34.
- APRICOT.** Bicolor Trumpet. 3. Perianth creamy white, with narrow segments; the trumpet opens primrose and changes to a shade of apricot; long, narrow and sweet-scented. A very distinct Daffodil, showing a new color among the Trumpet Narcissi. For borders or pot culture. Height 16 in. 10 bulbs, \$2.20; 100 bulbs, \$20.
- ARIADNE.** *Leedsii*. 3. Perianth ivory-white; cup pale amber-yellow passing to white; broad, widely expanding, and most regularly and beautifully frilled; a good-sized flower of exquisite beauty, lasting long in bloom. Splendid for the border and a good forcer. Height 15 in. 10 bulbs, \$1; 100 bulbs, \$8.50; 1,000 bulbs, \$70.
- ASPASIA.** *Poetaz*. Perianth pure white, with soft yellow eye; three to four flowers on a stem. One of the best of this class, being especially bright in color. Height 18 in. 10 bulbs, 40 cts.; 100 bulbs, \$3.20; 1,000 bulbs, \$27.
- AUTOCRAT.** *Incomparabilis*. 3. Clear golden yellow; broad perianth, tending to reflex; cup widely expanded at mouth. A very handsome variety for the border, and fine for pots. Height 20 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$18.
- BEAUTY.** *Incomparabilis*. 3. Perianth sulphur-yellow, with slight yellow bar down the center; cup deep yellow, margined orange-scarlet. A striking flower for borders and fine for naturalizing. Strong-growing and free-flowering. Height 17 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.

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- BEDOUIIN.** *Incomparabilis*. 4. Perianth glossy white, with broad, overlapping petals; cup chrome-yellow with deep band of orange-scarlet, broad and well expanded. A flower of wonderful substance and lasting qualities, keeping its color better than most reds. Height 20 in. Single bulb, \$23.
- BEETHOVEN.** *Yellow Trumpet*. 1. Perianth pale chrome-yellow with narrow, spreading petals; long, narrow trumpet of pale chrome-yellow, deeply cut and crimped at mouth. A variety remarkable for the purity of color and the slashed trumpet brim. Splendid for the border or for early forcing. Height 14 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$30.
- BLACKWELL.** *Incomparabilis*. 1. Perianth primrose-yellow, reflexing; straight cup of chrome-yellow, edged dull orange. A very early, medium-crowned Daffodil, lasting a long time in fine condition. Height 16 in. 10 bulbs, \$3.20; 100 bulbs, \$30.
- BRIDESMAID.** *Leedsii*. 3. Perianth pure white; cup white, slightly edged primrose and fluted at brim. A beautiful Daffodil for the border planting and an exceptional variety for naturalizing. Height 18 in. 10 bulbs, \$1; 100 bulbs, \$8.50; 1,000 bulbs, \$70.
- CASSANDRA.** *Poeticus*. 4. Broad, wide-spreading perianth of snowy white; cup deeply rimmed dark red; a flower of perfect shape and thick substance; tall and vigorous in growth. One of the very finest of the Poet's Narcissi, suitable for outdoor planting or for pot culture. Height 18 in. 10 bulbs, \$1.50; 100 bulbs, \$14.
- CHAUCER.** *Poeticus*. 3. This is a very early Poet's Narcissus on the style of *Ornatus*. The perianth is full and well rounded, of most symmetrical form and good substance; the cup is large and flat, of a vivid, bright scarlet. Height 22 in. 10 bulbs, \$2; 100 bulbs, \$17.
- CIRCLET.** *Barrii*. 2. Perianth large, with very broad, overlapping petals, well rounded and slightly reflexing; the cup is flat, large and very regularly fringed and crimped; clear yellow in color, its rim penciled with bright orange. Every detail of this Daffodil is so faultlessly modeled that it is certain to become a favorite variety among keenly discriminating amateurs. Height 17 in. Single bulb, 60 cts.; 10 bulbs, \$5; 100 bulbs, \$42.

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C. J. BACKHOUSE. *Incomparabilis*. 2. Starry perianth, soft yellow, of medium size; long cup of orange-yellow suffused orange-red. A very distinct and attractive variety which does best in cool soil or partial shade. Height 18 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.

CLEOPATRA. Yellow Trumpet. 3. Perianth broad and overlapping, of a clear yellow; long, bold trumpet, beautifully imbricated, of deep, rich yellow. One of the new Giant Trumpets of most refined character. In England this is spoken of as one of the very finest of the Yellow Trumpets. Height 18 in. Single bulb, \$7.

COEUR DE LION. *Barrii*. 4. Perianth clear primrose-yellow, with beautifully pointed petals and cup well expanded; all of a brilliant orange-scarlet, sometimes showing a tiny rim of green. An unusually striking red-cupped *Narcissus*. Height 15 in. Single bulb, \$1; 10 bulbs, \$6.

COMMANDER. *Incomparabilis*. 4. Perianth light sulphur-yellow; large cup of clear yellow, tinged deep orange; large, bold flower; a strong grower. Fine for borders or late forcing. Height 16 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$44.

CONSPICUUS. *Barrii*. 4. Large, broad, spreading perianth of soft yellow; short yellow cup, edged bright orange-scarlet. A fine large flower, one of the handsomest of all Daffodils. Splendid for the border and superb for midseason forcing. Height 21 in. 10 bulbs, 20 cts.; 100 bulbs, \$1.25; 1,000 bulbs, \$9.

CORNELIA. Yellow Trumpet. 2. A uniform soft yellow, with broad, smooth perianth and large, well-expanded trumpet. A flower of great size and substance. Strong grower. Height 18 in. 10 bulbs, \$2.25; 100 bulbs, \$21.

COSSACK. *Barrii*. 3. Creamy white perianth, with broad, overlapping petals of great substance and slightly reflexing; open cup of pure deep crimson. A very handsome Daffodil of wonderfully perfect form. Height 18 in. Single bulb, \$6.

CYNOSURE. *Incomparabilis*. 3. Large, pale primrose perianth, passing into white; yellow cup, stained orange; a cheap, showy Daffodil for the border or for naturalizing. Thrives in meadows and in front of forest plantings. Height 17 in. 10 bulbs, 25 cts.; 100 bulbs, \$1.50; 1,000 bulbs, \$11.

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CZARINA. Giant Leedsii. Perianth creamy white, with broad, elegantly twisted petals; the crown is of a pale citron-yellow, and has a bold, open mouth. This is a fine, large Giant Leedsii Daffodil, measuring 5 inches across, with a crown an inch and a half long. A strong grower. Single bulb, \$12.

DOROTHY E. WEMYSS. Barrii. 4. Broad white perianth; cup clear lemon-yellow, edged orange-scarlet; strong grower and late bloomer. A remarkably fine Daffodil in this section. Splendid for borders and very good for late pot culture. Height 20 in. 10 bulbs, 80 cts.; 100 bulbs, \$7.

DUCHESS OF WESTMINSTER. Leedsii. 3. Pure white perianth; cup soft canary-yellow with darker edge, passing into ivory-white; large, finely formed flower of exquisite beauty. Fine for borders, naturalizing, or growing in pots. One of the best Leedsii Daffodils ever introduced. Height 16 in. 10 bulbs, \$1.25; 100 bulbs, \$11.

DUKE OF BEDFORD. Bicolor Trumpet. 2. Broad, pure white perianth, and clear yellow trumpet 2 inches wide at the mouth. An earlier flower than Horsfieldii, nearly twice its size, and of far greater perfection in form. A substantial Trumpet Daffodil. Height 20 in. Single bulb, \$1; 10 bulbs, \$7.

ELAINE. Leedsii. The whole flower is a glistening ivory-white with broad, round perianth of fine substance and shallow crown, well expanded and prettily fluted. A delicate and refined example of its class. Single bulb, 80 cts.; 10 bulbs, \$6.

ELVIRA. Poetaz. Perianth pure white, eye bright yellow. Three to four flowers of great substance on a stiff stem. Height 20 in. 10 bulbs, 40 cts.; 100 bulbs, \$3.20; 1,000 bulbs, \$27.

EMPIRE. Giant Leedsii. Large, white perianth, with broad, imbricated petals; very large crown of soft lemon, passing into white as the flower ages, and most beautifully frilled. An enormous Leedsii of wonderful substance and great refinement, being undoubtedly the finest Giant Leedsii yet raised. It was awarded a First Class Certificate at Birmingham in 1907, after having been open seventeen days. Of robust growth and rapid increase. Height 16 in. Single bulb, \$45.

EMPEROR. Yellow Trumpet. 3. Perianth deep primrose-yellow, broad at base, trumpet rich yellow; a very large flower of remarkable substance. Fine for borders or forcing. Height 20 in. 10 bulbs, 40 cts.; 100 bulbs, \$3.25; 1,000 bulbs, \$27.

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- EMPRESS.** Bicolor Trumpet. 3. White perianth of great substance; trumpet rich chrome-yellow. A very showy Daffodil for the border, and unsurpassed for forcing. Height 18 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.
- EVANGELINE.** Leedsii. 4. Broad, pure white perianth, with smooth, overlapping petals of remarkable substance; large, expanding cup of citron-yellow. A Daffodil expert has called this a white Homespun, an effective manner of characterizing the perfect modeling of the flower, which is extraordinarily beautiful. Height 18 in. Single bulb, \$1; 10 bulbs, \$8.
- FAIRY.** Yellow Trumpet. 2. Perianth light yellow, dark golden trumpet, very large and broadly expanded. A peculiarly dainty flower of great refinement in texture and shape, and a splendid garden variety. Height 14 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$40.
- FALSTAFF.** Barrii. 3. Perianth snow-white, cup lemon, margined orange. A gem for cutting and very fine for pot culture. Height 20 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.
- FIREBRAND.** Barrii. 4. Perianth creamy white, shaded soft yellow at base; cup intense fiery red, prettily fluted; a variety remarkable for the brilliancy of its color, which is very close to the red that hybridists have long been trying to obtain. Splendid for shaded borders, where the bright color retains its intensity, and good for late gentle forcing. Height 17 in. 10 bulbs, \$1.20; 100 bulbs, \$10.
- FIRELIGHT.** Incomparabilis. 3. Perianth bright yellow, of fine form; straight, fluted crown of clear golden yellow, suffused with brilliant orange-red. A flower of medium size, but very showy coloring, making it a splendid sort for border effect. Height 13 in. 10 bulbs, \$1.10; 100 bulbs, \$9.
- FLORA WILSON.** Barrii. 3. White perianth; cup bright yellow, stained deep orange. A lovely Daffodil for pots and very beautiful in the border. Height 20 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$42.
- FRANK MILES.** Incomparabilis. 3. Pale yellow perianth; elegantly twisted; cup bright yellow; large, handsome flower. Fine for massing in borders and for cutting, and very good for pot culture. Height 21 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$28.

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- GLORIA MUNDI.** *Incomparabilis*. 3. Perianth primrose-yellow; broad petals; crown dark chrome at base, deepening to brilliant orange-red at brim, large and well frilled and fluted. A flower altogether beautiful for its fine proportion and substance. Height 18 in. 10 bulbs, \$2.20; 100 bulbs, \$20.
- GLORY.** *Poeticus*. 4. Very large, snow-white perianth, with overlapping petals and possessing remarkable substance; cup margined red. Another new variety that is sure to take a prominent place among the *Poeticus* group. Height 16 in. 10 bulbs, \$1; 100 bulbs, \$8.
- GLORY OF LEIDEN.** *Yellow Trumpet*. 3. Perianth primrose-yellow, streaked straw-yellow; very long trumpet of golden yellow; enormous flower of great substance; an especially fine variety for borders and pot culture, if not forced hard. Must be planted early. Height 16 in. 10 bulbs, \$1.30; 100 bulbs, \$12; 1,000 bulbs, \$85.
- GLORY OF NOORDWIJK.** *Bicolor Trumpet*. 2. Very large perianth of sulphur-white, with yellow stripe through the middle of the overlapping petals; trumpet chrome-yellow, very long and much reflexed and frilled at the brim. A flower of very graceful yet substantial beauty. Height 14 in. 10 bulbs, \$3; 100 bulbs, \$28.
- GOLDEN PHOENIX; syn., PALLIDUS PLENUS.** *Double Incomparabilis*. 3. Light yellow, with deep golden center; large, very double flowers. Height 17 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$18.
- GOLDEN SPUR.** *Yellow Trumpet*. 1. Self-colored a deep, rich yellow. Perianth large and spreading; large trumpet with broad, open mouth. Splendid for early forcing. Height 17 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$32.
- GOLIATH.** *Incomparabilis*. 3. Spreading white perianth with long petals; cup, soft canary-yellow. A very handsome variety of great decorative value for pots or outdoors. A larger and better flower than *Stella Superba*. Height 17 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$42.
- GRACE DARLING.** *White Trumpet*. 2. Gracefully twisted white perianth, trumpet cream, passing into white. An elegantly formed flower, good for the border or for forcing. Height 18 in. 10 bulbs, \$1.40; 100 bulbs, \$13.

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- GRANDIFLORUS PRÆCOX.** Poeticus. 3. Pure white perianth; cup canary-yellow suffused crimson-red. The earliest of this section and fine for naturalizing. Height 18 in. 10 bulbs, 40 cts.; 100 bulbs, \$3.20; 1,000 bulbs, \$27.
- GRAND SOLEIL D'OR.** Tazetta. Perianth golden yellow, with deep, brilliant orange eye; for indoor planting only. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- GREAT WARLEY.** Incomparabilis. Broad, massive perianth of creamy white, fully 5 inches across when well grown; rich, golden yellow crown, an inch and a half wide. A very striking, beautiful and effective flower, not unlike a huge Bicolor Sir Watkin. Height 18 in. Single bulb, \$15.
- GWYTHER.** Incomparabilis. 3. Broad yellow perianth; large, golden yellow cup, suffused deep orange. Showy and decorative for the garden; one of the best of the class. Height 17 in. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- HENRY IRVING.** Yellow Trumpet. 1. Perianth clear yellow, broad and spreading; deep yellow trumpet, large and wide at mouth. A splendid early Daffodil for pots or borders. Height 15 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$27.
- HERRICK.** Poeticus. 4. Broad, slightly reflexing perianth of snowy whiteness and great substance; flattened cup, deeply rimmed crimson. Fine for the border or for forcing. Height 16 in. 10 bulbs, \$1; 100 bulbs, \$8.50.
- HOMESPUN.** Incomparabilis. 4. Perianth and crown a uniform soft yellow, with broad, flat, overlapping petals of great substance. A particularly refined Daffodil of flawless form, lasting well either growing or when cut. This magnificent flower is the finest of all yellow Incomparabilis sorts. Height 17 in. Single bulb, 80 cts.; 10 bulbs, \$7; 100 bulbs, \$60.
- HONORABLE MRS. BARTON.** Leedsii. 3. Large white perianth; expanding cup, passing from pale primrose into white; a very distinct and handsome Narcissus; a rather diffident grower, but very lovely where it succeeds. For the border, or in the shade of shrubbery. Height 15 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.
- HORACE.** Poeticus. 4. Round, overlapping perianth of glistening white; self-colored bright scarlet eye; the flower measures over 3 inches across. Quickly forms large clumps, and is very free-flowering. Height 20 in. 10 bulbs, \$2.75; 100 bulbs, \$25.

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- IDEAL.** Poetaz. Perianth white, with dark orange eye. Five to six flowers. Height 15 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$35.
- INCOGNITA.** Barrii. White perianth, with large, almond-shaped petals; short, disc-like cup, prettily frilled, of a peculiarly beautiful shade of orange-apricot. Large and very durable flower, particularly good for cutting. Height 16 in. Single bulb, 80 cts.; 10 bulbs, \$7; 100 bulbs, \$60.
- IRENE.** Poetaz. Perianth sulphur, changing to soft primrose, orange eye. Seven to eight flowers. Height 14 in. 10 bulbs, 60 cts.; 100 bulbs, \$5.20; 1,000 bulbs, \$44.
- ISOLDE.** Yellow Trumpet. Very bold and handsome perianth of primrose-yellow, 5 inches across; long, well-formed trumpet of soft primrose. This is one of the prize-winning pale yellow varieties, and will take a prominent place among the Daffodils of the future. A good grower and splendid cut-flower. Height 20 in. Single bulb, \$1.20; 10 bulbs, \$10.
- J. B. M. CAMM.** Bicolor Trumpet. 3. White perianth of great substance; frilled trumpet of creamy yellow, passing to pale primrose. Splendid for borders or late forcing. Height 14 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$35.
- KATHERINE SPURRELL.** Leedsii. 4. Broad white perianth of good substance; cup soft yellow; a flower of great beauty, lasting well when cut. Superb for borders and late forcing. Height 18 in. 10 bulbs, 50c.; 100 bulbs, \$4.50; 1,000 bulbs, \$36.
- KING ALFRED.** Yellow Trumpet. 2. Perianth and trumpet rich chrome-yellow; broad perianth petals of great substance; trumpet of medium size, widely expanding, with brim rolled back one-half inch and beautifully fluted. A glowing flower of good lasting quality. Height 20 in. 10 bulbs, \$6.50; 100 bulbs, \$60.
- KLONDYKE.** Poetaz. Perianth yellow, with golden yellow eye. Six to seven flowers. Height 14 in. 10 bulbs, \$1.20; 100 bulbs, \$11.
- LADY AUDREY.** White Trumpet. Milk-white perianth of slightly campanulate form; long, bold trumpet, with open mouth, soft creamy primrose in color, changing to white with age. An exquisite, new, white Trumpet Daffodil, which can be thoroughly recommended. Free-flowering. Height 16 in. Single bulb, \$1; 10 bulbs, \$8.

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LADY MARGARET BOSCAWEN. *Incomparabilis*. 2. Broad, overlapping perianth of snowy white; large, well-proportioned and trumpet-shaped crown of deep golden yellow, boldly expanding and prettily frilled. A huge flower and a magnificent garden plant. Height 17 in. Single bulb, \$1; 10 bulbs, \$8; 100 bulbs, \$70.

L'INNOCENCE. White Trumpet. 3. White perianth, trumpet white, very narrow at base, and expanding at the mouth, like a gloxinia flower. Fine for the border. Height 15 in. 10 bulbs, \$1.80; 100 bulbs, \$16.

LORD KITCHENER. *Leedsii*. 3. Large, snowy white perianth, broad and flat, of great substance; big crown of the palest primrose, widely open at mouth and elegantly crimped at the brim. A glorious flower of perfect quality, one of the most desirable in its class. Height 21 in. Single bulb, \$25.

LORD ROBERTS. Yellow Trumpet. Broad, overlapping perianth of remarkable substance; long, sturdy trumpet, wholly in keeping with the noble character of the flower. A self-toned, deep golden yellow Daffodil, of enormous size and glorious color. A free bloomer and tall grower. Has been awarded First Class Certificate by four different societies. Height 23 in. Single bulb, \$1.20; 10 bulbs, \$8.25.

LOVELINESS. White Trumpet. Broad, smooth perianth of snowy whiteness and bold substance; very elegant white trumpet, expanded at the mouth. A large, yet very graceful and refined flower of a beauty deserving its name. Height 14 in. Single bulb, \$5.

LUCIFER. *Incomparabilis*. 3. Perianth sulphur-white, with long, well-rounded petals rather star-like in effect; cup chrome-yellow, edged bright orange. A bold, showy flower for outdoors, as it holds its color splendidly. Height 18 in. 10 bulbs, \$2.20; 100 bulbs, \$20.

LULWORTH BEAUTY. *Incomparabilis*. 2. White perianth, broad and slightly drooping; cup bright orange-red. A showy and distinct variety for the border. Height 14 in. 10 bulbs, 75 cts.; 100 bulbs, \$6.50.

MACEBEARER. *Incomparabilis*. Grower's description: Large, massive perianth of creamy yellow with well-overlapping petals; very large, expanding cup of pale yellow, with band of bright orange-red. A variety of vigorous constitution and highest quality. Single bulb, \$24.

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- MADAME DE GRAAFF.** White Trumpet. 4. Perianth pure white, trumpet soft primrose, passing into milk-white, exquisitely rolled back at brim; large, beautifully formed flower of great substance. One of the very finest Daffodils for outdoor planting, and a very lovely flower for growing in pots. Should be planted as soon as received, as the bulbs are somewhat affected by being left out of the ground. Height 15 in. 10 bulbs, \$1.40; 100 bulbs, \$12.50; 1,000 bulbs, \$80.
- MADAME PLEMP.** Bicolor Trumpet. 3. White, twisted perianth; very long, deep yellow trumpet of great substance. An exceptionally fine Daffodil for borders, and a good late forcer. Height 16 in. 10 bulbs, 55 cts.; 100 bulbs, \$4.50; 1,000 bulbs, \$35.
- MASCOTTE.** Barrii. 4. White perianth, broad and reflexing; cup yellow, broadly margined orange-scarlet; a very attractive flower. Height 13 in. 10 bulbs, \$1.40; 100 bulbs, \$13.
- MASTERPIECE.** Barrii. 4. Perianth sulphur-white; broad, very round petals of great substance and Poeticus character; eye orange-scarlet, quite flat and beautifully crinkled, the color covering the entire surface of the inch-wide eye. Height 22 in. Single bulb, \$36.
- MAXIMUS.** Yellow Trumpet. 2. Self-colored very deep golden yellow; perianth large and twisted at the tips; large recurving trumpet of fine form. Should be planted deep in rich maiden soil as early as possible to counteract its fault of being a shy bloomer. Best for moist situations, not wet ones. Has the darkest yellow of all Daffodils. Height 15 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.
- MERMAID.** Leedsii. 1. Large white perianth, with smooth, overlapping and rather pointed petals; very large, bold crown, elegantly recurving and fluted at brim, of pale, creamy primrose turning to creamy white. A glorified White Queen and a superb exhibition variety. Height 15 in. Single bulb, \$4.
- MIGNON.** Poetaz. Grower's description: Three or four flowers to a stem, each resembling a smaller-sized Albatross. A distinct break in this section. A new variety which I offer for the first time in this country. 10 bulbs, \$4; 100 bulbs, \$37.
- MINNIE HUME; syn., QUEEN OF ENGLAND.** Leedsii. 3. White perianth; cup pale yellow, passing into white; a good-sized flower. A very good cheap variety for massing. Height 16 in. 10 bulbs, 20 cts.; 100 bulbs, \$1.25; 1,000 bulbs, \$9.

N A R C I S S I, O R D A F F O D I L S

MISS WILLMOTT. Barrii. Slightly undulating, pure white perianth, with broadly lapping petals of massive substance; large, flat eye, very nearly an inch across, of pale canary-yellow, with a fine red-rimmed edge. A new variety of 1911, combining the great size of the Incomparabilis type and the perfect, circular form of the Poeticus. Very vigorous and free-flowering, and a magnificent Daffodil in every way. Height 16 in. Single bulb, \$18.

M. MAGDALINE DE GRAAFF. Leedsii. 4. Broad white perianth; expanded primrose cup, often suffused orange; frequently two flowers on a stem. Fine for borders or pot culture. Height 17 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$16.

MONARCH. Yellow Trumpet. 3. A uniform, rich golden yellow; of great size and substance. The perianth is large and very shapely, and the trumpet is long and well opened. A sturdy grower with slightly drooping habit. One of the most refined of all the Giant Deep Yellow Trumpets. Height 17 in. 10 bulbs, \$5; 100 bulbs, \$40.

MOUNTAIN MAID. Leedsii. Silvery white perianth, with broad petals; small white cup, beautifully formed. A very attractive flower for outdoor planting because of its gracefully nodding habit. Height 15 in. 10 bulbs, \$2.50; 100 bulbs, \$22.

MRS. ALFRED PIERSON. Leedsii × Polyanthus. Grower's description: White perianth, with primrose cup changing to white. A beautiful hybrid, bearing four or five Leedsii-like flowers on each stem. A very lovely flower of a new type. 10 bulbs, \$1.25; 100 bulbs, \$11.

MRS. BUCHANAN. Bicolor Trumpet. Slightly twisted perianth of creamy white; soft primrose trumpet, with broad, open mouth, prettily flanged. A very delicate and distinct pale Bicolor sort which is of the shade very much in favor among the English Daffodil experts. Height 16 in. 10 bulbs, \$2.50; 100 bulbs, \$22.

MRS. H. D. BETTERIDGE. White Trumpet. 4. Broad, well-formed perianth of expanding petals, with distinct flutings on the surface; long, straight trumpet of model form, with an exquisitely flanged and frilled brim. The color is a uniform, clear ivory-white throughout. A very refined and beautiful Daffodil; an improvement upon Madame de Graaff. Height 13 in. Single bulb, 70 cts.; 10 bulbs, \$6; 100 bulbs, \$50.

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- MRS. LANGTRY.** Leedsii. 4. Broad white perianth of fine form, cup opening pale primrose and passing into white, sometimes with a narrow margin of lemon-yellow; a very free-flowering variety, and the very finest of the older cheap Leedsii Narcissi. A handsome border variety, and superb for pots because of the chaste beauty of the flower. Height 16 in. 10 bulbs, 20 cts.; 100 bulbs, \$1.25; 1,000 bulbs, \$9.
- MRS. THOMPSON.** White Trumpet. 2. Creamy white perianth, pale lemon trumpet passing into white, elegantly frilled; one of the best growers among white Trumpets, and a free bloomer. Fine for the border and for early forcing. Height 15 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.
- MRS. WALTER T. WARE.** Bicolor Trumpet. 2. White perianth; deep golden yellow trumpet expanded at brim; a very finely formed flower, a little stiff, but a strong grower. One of the best border varieties. Height 16 in. 10 bulbs, 50 cts. 100 bulbs, \$4.25; 1,000 bulbs, \$32.
- OBVALLARIS; THE TENBY DAFFODIL.** Yellow Trumpet. 1. Deep yellow self-color. Broad, round petals, with rather short trumpet. A very distinct Daffodil. Fine for borders and very lovely when grown in pots. Height 14 in. 10 bulbs, 35 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$20.
- ORANGE PHENIX.** Double Incomparabilis. 3. White, with reddish orange center; very double flower. Height 17 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$18.
- ORIFLAMME.** Barrii. 2. Creamy white perianth, of fine circular form, with broad petals of great substance; entire cup fiery scarlet, beautifully crinkled. A very bright flower. Height 16 in. 10 bulbs, \$1.80; 100 bulbs, \$16.
- ORNATUS.** Poeticus. 4. Perianth pure white; cup margined bright crimson. A splendid variety for massing, and the best of the inexpensive sorts for forcing. Height 14 in. 10 bulbs, 20 cts.; 100 bulbs, \$1.30; 1,000 bulbs, \$10.
- PAPER WHITE GRANDIFLORA.** Tazetta. Pure white; very fragrant. For forcing only. Cream Quality bulbs 15 cm. and over. 10 bulbs, 30 cts.; 100 bulbs, \$2.20; 1,000 bulbs, \$18.
- PEACH.** Leedsii. 4. Pure white perianth; cup long and straight, prettily fluted, of a lovely apricot-orange tint; noteworthy because of its color, which is a new one among Daffodils. For borders or pots. Height 14 in. 10 bulbs, \$1.20; 100 bulbs, \$11.

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- PETER BARR.** White Trumpet. White perianth of rather loose and spreading form; large trumpet of pale ivory-white, long and beautifully recurving at brim. A flower of exquisite symmetry, fine substance, and very noble character. One of the handsomest white Trumpets ever raised. Strong grower and free bloomer. Introduced at the price of \$250 each. Height 15 in. Single bulb, \$7.
- PLENIPO.** Double Incomparabilis. 2. A cross between *Ornatus* and *Telamonius plenus*. Large, handsome, double flowers, showing yellow, primrose and white in its coloring. Does not fall over as most other heavy Double Daffodils are likely to do. A fine sort for outdoors. Height 14 in. 10 bulbs, \$1.70; 100 bulbs, \$15.
- P. R. BARR.** Yellow Trumpet. Grower's description: Pale primrose perianth; trumpet golden yellow and very perfect in shape. An Emperor type of Daffodil, but smaller and more refined. A superior variety for growing in pots. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$44.
- PRIMROSE PHENIX.** Double Incomparabilis. 5. A fine, large, double Daffodil, with rose-shaped flowers of a soft primrose-yellow. Splendid for cutting. Height 20 in. 10 bulbs, \$3; 100 bulbs, \$25.
- PRINCESS IDA.** White Trumpet. 2. White perianth; creamy white trumpet, margined soft lemon-yellow. A very lovely Daffodil for pots and well adapted to the border. Height 16 in. 10 bulbs, 65 cts.; 100 bulbs, \$5.25; 1,000 bulbs, \$44.
- PRINCESS MARY.** Incomparabilis. 3. Creamy white perianth, broad and spreading; very broad, and flatly expanding yellow cup, stained orange. A flower of very handsome form, and fine for borders or pot culture. This is a variety from which the hybridists have developed many of their finest flowers. Height 16 in. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- QUEEN BESS.** Incomparabilis. 1. Perianth white; large, well-expanded cup of light yellow. An early variety of value for pot culture. Height 15 in. 10 bulbs, 35 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$18.
- QUEEN OF SPAIN.** *Triandrus*. 3. Uniform soft yellow, with reflexing perianth; one of the most graceful and distinct. Fine for borders and naturalizing in woodland, and lovely in pots. Height 12 in. 10 bulbs, 80 cts.; 100 bulbs, \$7.

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- QUEEN OF THE NORTH.** Leedsii. Broad, large perianth of clear, glistening white; medium-sized cup of soft lemon-yellow. A flower of the highest quality and very clear color, worthy, indeed, of a place among the Daffodil nobility. Height 18 in. Single bulb, \$5.
- QUEEN SOPHIA.** Incomparabilis. 3. Sulphur perianth; large frilled cut open at mouth, yellow, heavily stained orange-scarlet. An extra-fine border variety, preferring a fibrous soil. Height 20 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$45.
- RECURVUS.** Poeticus. 6. The old Pheasant's Eye. Perianth pure white, somewhat reflexing; cup margined deep scarlet; sweet-scented. Fine for massing in borders or in the grass. A very late Daffodil. Height 15 in. 10 bulbs, 20 cts.; 100 bulbs, \$1.25; 1,000 bulbs, \$8.
- RED BEACON.** Barrii. 3. Broad perianth of great substance, ivory-white with pale sulphur tone at the base; fluted and frilled cup of most vivid orange-scarlet. A wonderfully striking flower because of its brilliant coloring. A good grower. Height 17 in. Single bulb, \$3.
- RED STAR.** Incomparabilis. 5. Loosely spreading perianth, with narrow, twisted petals of pale primrose; straight cup of an intense scarlet; a very distinct and showy variety, the color lasting well in the sun. Very fine for the border. Height 17 in. 10 bulbs, \$1.20; 100 bulbs, \$10.
- RUGULOSUS.** Jonquil. 2. Self-colored rich yellow; very fragrant; three or four flowers on a stem; the best form of the single Campernelle Jonquil. Fine for borders or naturalizing, and the best for pot culture. Height 17 in. 10 bulbs, 20 cts.; 100 bulbs, \$1.30; 1,000 bulbs, \$10.
- RUGULOSUS PLENUS.** Double Jonquil. 2. Clear golden yellow. Fine for outdoors or pots. Height 13 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$42.
- SALMONETTA.** Leedsii. 3. Perianth white, with long, oval petals; prettily fluted, open cup, of a soft apricot fading to peach with age. A distinct shade, and fine for outdoors. Height 16 in. 10 bulbs, \$1.30; 100 bulbs, \$12.
- SANTA MARIA.** Yellow Trumpet. 1. Deep orange-yellow; perianth very elegantly twisted. A distinct early sort, a strong grower and free bloomer. Fine for borders. Height 14 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$36.

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SEAGULL. Barrii. 3. Broad perianth of the purest white and splendid substance; cup pale lemon-yellow; an exquisitely beautiful flower, perhaps the very loveliest of its class. Equally fine for outdoors or pot culture. Height 17 in. 10 bulbs, 70 cts.; 100 bulbs, \$6; 1,000 bulbs, \$50.

SENSATION. Barrii. 2. Perianth pure white; cup canary-yellow, edged deep orange; a very beautiful Daffodil for growing in partial shade, where the hot sun will not cause the color to fade, and lasting long in bloom. Height 20 in. 10 bulbs, \$1.30; 100 bulbs, \$12.

SIDDINGTON. Barrii. 3. Perianth soft yellow; cup clear yellow, margined orange-scarlet; large, broad flower. Very beautiful, free-flowering Daffodil usually carrying two flowers on each stem. Fine for borders. Height 18 in. 10 bulbs, 60 cts.; 100 bulbs, \$5; 1,000 bulbs, \$44.

SILVER PHŒNIX; syn., **SULPHUR PHŒNIX.** Double *Incomparabilis*. 3. Large creamy white flowers, with sulphur-yellow center. Height 18 in. 10 bulbs, 40 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.

SILVER SPUR. Bicolor Trumpet. 1. Large, spreading perianth of creamy white and long, golden yellow trumpet, beautifully recurved; splendid broad foliage. An extra-fine Bicolor for forcing, being almost as early as Golden Spur. Height 17 in. 10 bulbs, 50 cts.; 100 bulbs, \$4; 1,000 bulbs, \$32.

SIR WATKIN. *Incomparabilis*. 2. Perianth primrose-yellow; large and well-formed yellow cup, tinged deep yellow. A giant among the medium-crowned Daffodils. Fine for outdoor planting and a splendid variety for pot culture. Height 21 in. 10 bulbs, 45 cts.; 100 bulbs, \$3.50; 1,000 bulbs, \$26.

STELLA SUPERBA. *Incomparabilis*. 3. Spreading white perianth, large yellow cup; a large, bold flower of great value for the border or for cutting. Good for pot culture, if not brought along too early. Height 19 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.

SUNRISE. Barrii. 4. Large, symmetrical perianth of ivory-white, with a broad, tapering flame of pale yellow down each petal; flattened and elegantly frilled cup of reddish orange, the color deepening slightly at the margin. An entirely distinct Daffodil of great attraction, and quite happily named. Splendid for the garden. Height 16 in. Single bulb, \$4.

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TELAMONIOUS PLENUS, or **DOUBLE VON SION**. Double Trumpet. 2. Golden yellow; the most popular Double Trumpet Daffodil for forcing. Outdoors, Von Sions are very green the second year after planting, there being something in our soil or climate which affects the color of this Daffodil. Height 13 in. Strong mother bulbs only. 10 bulbs, 50 cts.; 100 bulbs, \$4.25; 1,000 bulbs, \$32.

TENNYSON. Poeticus. Large flower with pure white perianth of rounded form; large eye of lemon-yellow, edged wine-red. A very distinct flower of perfect character; perhaps the finest Poeticus yet raised. Height 16 in. Single bulb, \$10.

THE BRIDE. Poeticus. Broad, snowy white perianth of fine substance, with round petals parted at the base; very small, brilliant red eye. A splendid variety on account of the effective color in the cup. Good grower and free-flowering. Height 16 in. 10 bulbs, \$4.50; 100 bulbs, \$40.

VAN DYCK. Yellow Trumpet. 1. Rich golden yellow; broad trumpet with open mouth. A very striking flower, splendid for outdoor planting. The most perfect in shape among early Daffodils. Height 14 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$30.

VAN WAVEREN'S GIANT. Bicolor Trumpet. Broad primrose perianth of campanulate form; bright yellow trumpet, with very large, open mouth, flanged at brim. A gigantic flower, after the style of Emperor; the forerunner of a new race of Giant Trumpet Daffodils. The very largest Trumpet variety in cultivation, though without the refinement of some smaller sorts. In strong soil it grows over 2 feet high, with foliage like that of an iris. Midseason. Single bulb, \$1.25; 10 bulbs, \$10; 100 bulbs, \$70.

VICTORIA. Bicolor Trumpet. 3. Broad, creamy white perianth, with closely lapping petals; clear, rich yellow trumpet, very large and frilled at mouth. A very beautiful Daffodil, which is quite at home in the border and forces remarkably well. Height 16 in. 10 bulbs, 50 cts.; 100 bulbs, \$4.20; 1,000 bulbs, \$35.

WARLEY SCARLET. Barrii. Creamy white perianth, with well-formed petals; large cup, well expanded and daintily fluted, yellow at the throat with a very wide band of pale orange-red. A medium-sized flower, but very striking because of the handsomely colored cup. Height 17 in. Single bulb, \$17.

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WATERWITCH. Leedsii. 3. Starry, spreading perianth of soft white; bell-shaped cup of the same color. At twilight there is often a pinkish tinge to the flower. A very graceful, pendulous variety, well adapted for naturalizing. Height 17 in. 10 bulbs, 80 cts.; 100 bulbs, \$7.

WEARDALE PERFECTION. Bicolor Trumpet. 3. Solid, campanulate perianth of milk-white, with broad, overlapping petals; long, bold trumpet of soft primrose-yellow, well fluted at the mouth. A huge Daffodil of very great beauty. Though raised some forty years ago, it has always been scarce, but it takes rank among even the finest of the very recent sorts. A good grower and free bloomer. Height 22 in. Single bulb, \$1.25; 10 bulbs, \$10.

WHITE LADY. Leedsii. 3. Broad white perianth of perfect form; small cup of pale canary, beautifully crinkled; an exquisite example of the newer Daffodils. Free-blooming, and well suited to outdoor planting or to pot culture and superb when used as a cut-flower. Height 20 in. 10 bulbs, \$1.30; 100 bulbs, \$12.

WHITE QUEEN. Giant Leedsii. 2. Broad, lapping perianth of glistening white, with pointed petals; bold straight crown of soft lemon, passing into white with age. A very large and exquisitely refined flower; one of the first of the type, and still one of the best. It has been called a white Sir Watkin, but possesses greater elegance. Height 15 in. Single bulb, \$1.50; 10 bulbs, \$12.

WHITE STANDARD. Poeticus. Broad, snow-white perianth, with well-rounded petals of wonderful substance; flattened eye of soft yellow, broadly margined deep scarlet. A large flower measuring nearly 3½ inches; of very striking quality. Height 15 in. 10 bulbs, \$2.25; 100 bulbs, \$20.

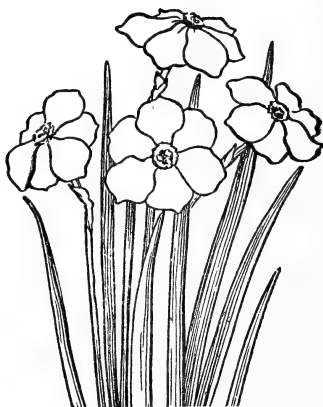
WILLIAM GOLDRING. White Trumpet. 3. White perianth, drooping over the long trumpet; trumpet soft primrose passing to white. A very graceful flower, whose drooping habit has brought it the common name of the Swan's Neck Daffodil. A lovely variety for the border or for pot culture. Height 15 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$17.

WILLIE BARR. Yellow Trumpet. 2. Perianth soft yellow, of great substance; deep, rich yellow trumpet with well-formed brim. Splendid for massing. Height 15 in. 10 bulbs, \$1.15; 100 bulbs, \$10.

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WILL SCARLETT. Incomparabilis. 5. Creamy white perianth, somewhat loosely put together; widely expanded cup of brilliant orange-scarlet, elegantly frilled. A noteworthy variety, owing to the dazzling scarlet of the cup; a very good grower. Height 18 in. Single bulb, \$1.50; 10 bulbs, \$10.

W. P. MILNER. White Trumpet. 2. Creamy white perianth and trumpet; small flowers and narrow foliage. An exquisite little Daffodil for the rock-garden or for naturalizing, and a gem for pot culture. Almost pure white when forced. Height 11 in. 10 bulbs, 30 cts.; 100 bulbs, \$2.30; 1,000 bulbs, \$18.





CROCUSES will always find a place in every garden because of their earliness. It is enough merely to see their cheerful blue and white and yellow in March or early April; the garden has indeed begun to be a thing of beauty. Whether Crocuses are planted as an edging to beds in irregular breadths throughout the border, in careless patches in the grass, in masses among trees and shrubs, or, best of all, perhaps, on the slopes of terraces, their attractiveness is unchanged. In pots, planting twelve to fifteen corms in a 6- or 7-inch pan, they are very lovely and a revelation to those who have not grown them in this way. Named sorts should be chosen, for mixtures are never satisfactory.

The named varieties in the following list are all new seedlings far superior to most of the older kinds in size or color.

CULTURE. Plant 2 inches deep in rich, well-drained soil, and in a sunny situation. For a natural effect, it is a good plan to drop the corms by handfuls, and plant them where they lie.

BEAUTY. Pale lilac, inside soft violet-blue; large and early.

Fine in pots. 25 bulbs, 60 cts.; 100 bulbs, \$2; 1,000 bulbs, \$15.

DAYBREAK. Broad stripes of dark violet on lilac ground.

A handsome sort for pots. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.

DISTINCTION. Soft reddish violet, a very distinct color among Crocuses; small flowers. 25 bulbs, 60 cts.; 100 bulbs, \$2; 1,000 bulbs, \$15.

DOROTHEA. Very soft lavender-blue; a fine self-color for pots; not a large flower. 25 bulbs, 60 cts.; 100 bulbs, \$2; 1,000 bulbs, \$15.

EDINA. Striped mauve, on white ground, with white margin and purple base and stem; fine, large flower. 25 bulbs, 80 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.

FANTASY. Grayish white ground, heavily striped dark purplish blue; large flower. A striking sort for pot culture and massing under shrubs. 25 bulbs, 60 cts.; 100 bulbs, \$2; 1,000 bulbs, \$15.

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- HERO.** Dark, glistening purple; very large flowers. Superb for pots. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- KATHLEEN PARLOW.** Purest white; of fine substance; large flower. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- LORD DUNCAN.** Very pale lavender-blue; a little later than Dorothea. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- MADAME MELBA.** Pale mauve, striped dark violet; large flower and very early. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- MATADOR.** Dark purple, shaded violet at center; large flower. Fine, profuse-blooming variety for pots. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- MINERVA.** Lavender-blue, veined darker, inside soft lavender. Very fine for pot culture. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- PALLAS.** White ground, with fine stripes of light lilac; extra-large flower. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- PEARL.** White, suffused dark lilac, edged white; very large, fine flower. Handsome in pots. Early. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- RAPHAEL.** Soft lilac, tipped white; small flower but very distinct. Rather late. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- SIR JOHN BRIGHT.** Dark purple; very large, and the earliest of all. Splendid for pot culture and in the garden. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- SURPRISE.** White, faintly striped dark violet. Fine in pots as well as in the garden. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- WHITE GIANT.** Snowy white, a few inconspicuous stripes of violet on inside of petals; largest and best white Crocus. Fine for pots. 25 bulbs, 50 cts.; 100 bulbs, \$1.80; 1,000 bulbs, \$13.
- LARGE YELLOW.** Golden yellow. Better outdoors than when grown in pots. Particularly good for growing in the grass on the lawn. Extra-size corms. 25 bulbs, 40 cts.; 100 bulbs, \$1.40; 1,000 bulbs, \$12.



Iris



Iris Hispanica · Spanish Iris

SPANISH Irises have not, as yet, acquired the prominent position in American gardens to which their beauty entitles them. They belong to the bulbous section of the Irises, a group which includes some of the handsomest flowers of the genus. The blossoms are large, and display a number of exquisite solid tones and blendings of colors. These combinations are in some instances so unusual as to rival the elegance of orchids, and indeed a common name given to the Spanish Iris is that of "the poor man's orchid." They are equally well adapted to the herbaceous border or to beds, while for pot culture they are very attractive if not subjected to heat until the flower-buds appear. The accompanying list comprises the choicest sorts only, the new varieties being exceptionally beautiful.

CULTURE. The bulbs should be planted from 3 to 4 inches deep, and 4 inches apart. A situation open to the full sun, and rather light, well-drained soil suits them best. The foliage is often persistent during the winter, and though the bulbs are quite hardy, a slight mulch will be beneficial.

ALHAMBRA. White and yellow; extra fine. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.60.

BEAUTY. New. Pale lavender-blue; large and fine grower; tall. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.

BELLE CHINOISE. A superb clear yellow; very early. 25 bulbs 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.

BRITISH QUEEN. White; very large and fine. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.50.

BRONZE QUEEN. Rich bronze-brown and yellow; very fine. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.50.

CAJANUS. Bright yellow; large flower; tall. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.50.

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- CHRYSOLORA. Light canary-yellow. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.
- DR. KUYPER. New. Creamy yellow, with very broad lip; distinct. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.
- EXCELSIOR. New. Pale violet-blue; a distinct sort and the latest of all. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.
- FLORA. New. Light lavender, with white falls; a very large flower. 25 bulbs, 90 cts.; 100 bulbs, \$3.20; 1,000 bulbs, \$22.
- GRAND MAITRE. New. Light pearl-blue; very large flower. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.
- KING OF THE BLUES. Dark blue; a very handsome variety. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.
- KING OF THE WHITES. New. Pure white; very large and tall. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.
- LA CITRONNIERE. New. Soft lemon-yellow. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.
- LA NEIGE. New. Snow-white; a large flower of fine form. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.
- LA NUIT. New. Bright cobalt-blue with dark violet standards; very large. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.
- LONGFELLOW. New. White, with pale violet-blue standards; tall. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.
- LOUISE. Creamy white, with French-gray standards. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.50.
- L'UNIQUE. Light blue, with white falls and golden yellow blotch. Height 26 in. 25 bulbs, 50 cts.; 100 bulbs, \$1.75; 1,000 bulbs, \$13.
- MIA. Dark violet-blue; a rich color. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.
- MIDLEY. Pale lavender-blue; very fine for pot culture. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.
- SNOWBALL. Pure white, standards shaded violet-blue at base; tall. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.
- SOPHIE JAFFEE. Immense sulphur-yellow flower; strong grower, and making a large bulb. 25 bulbs, 45 cts.; 100 bulbs, \$1.20; 1,000 bulbs, \$10.

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- SURBITON.** New. Dark golden yellow; very handsome. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.
- SWEETHEART.** Creamy white, orchid-like flower with beautifully imbricated falls. Height 20 in. 25 bulbs, 65 cts.; 100 bulbs, \$2.25; 1,000 bulbs, \$20.
- THUNDERBOLT.** Rich bronze-purple shaded yellow; very large flower; tall; the finest of all these Irises. 25 bulbs, 75 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$20.
- W. T. WARE.** New. Soft lemon-yellow, standards pale primrose; large flower; tall. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.
- YELLOW HAMMER.** New. Deep yellow; a large flower of fine, rich color. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$9.

Iris filifolia

Dark purplish blue, with orange blotch. A species akin to *Hispanica*, but flowering two weeks earlier. Requires slight protection. 25 bulbs, 85 cts.; 100 bulbs, \$3; 1,000 bulbs, \$25.

Iris Anglica

These bulbous English Irises form a useful addition to the summer garden, flowering as they do after the *Iris Hispanica*. They are similar to them in color and shape, though the petals are broader, and suggest more the *Iris Germanica* in general appearance. Success with these bulbs depends on early planting.

- BELLE AGATHE.** Pale mauve with violet spots. 25 bulbs, 90 cts.; 100 bulbs, \$3.20; 1,000 bulbs, \$25.
- BLEU CELESTE.** Pale blue. 25 bulbs, 85 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- DORA.** Creamy white, spotted light blue. 25 bulbs, 90 cts.; 100 bulbs, \$3.20; 1,000 bulbs, \$25.
- LE RENOMMEE.** Purple-blue. 25 bulbs, 85 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- LUSINDA.** Light porcelain-blue with blue spots. 25 bulbs, 85 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- MISS BARKLEY.** White, flaked crimson-violet; very fine. 25 bulbs, 85 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.

THE BLUE BOOK OF BULBS

- MONT BLANC. Pure snowy white; a very beautiful variety. 25 bulbs, 85 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- OTHELLO. Dark, purplish red. 25 bulbs, 85 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- PRINCE DE GALATZIN. Violet. 25 bulbs, 85 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- PRINCE OF WALES. Dark blue. 25 bulbs, 85 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.
- ROI DES PRUSSES. Very dark blue, almost black. 25 bulbs, 85 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.

Iris Hollandica

The Dutch Irises are a new race produced by crossing the various forms of the Xiphium, or bulbous Irises. The introduction of this type lengthens the flowering season for the bulbous Irises very materially, as they begin to flower fully two weeks before the *Iris Hispanica*, toward the end of May. Then the English Irises carry the season of bloom to the early part of July. The culture is the same as that of the Spanish Irises.

- ANTON MAUVE. A uniform soft blue; very large and substantial flower. 10 bulbs, \$1.25; 100 bulbs, \$10.
- DAVID TENIERS. Pale lavender, with citron-yellow falls; very tall. 10 bulbs, \$1; 100 bulbs, \$9.
- FRANZ HALS. Pale blue, with creamy yellow falls and large orange spot. 10 bulbs, 70 cts.; 100 bulbs, \$5.50.
- HOBBEMA. White, faintly tinged blue, with white standards. 10 bulbs, \$1; 100 bulbs, \$9.
- JAN STEEN. White, with bright yellow falls. 10 bulbs, 80 cts.; 100 bulbs, \$6.50.
- J. WEISSENBRUCH. Uniform pale mauve, a very soft and beautiful color. 10 bulbs, 65 cts.; 100 bulbs, \$5.
- PAULUS POTTER. Light blue, with yellow falls. 10 bulbs, \$1.40; 100 bulbs, \$12.
- REMBRANDT. One of the showiest sorts. Deep blue, with large orange spot; substantial flower. 10 bulbs, \$1; 100 bulbs, \$9.
- SÆNREDAM. White, tinted lilac, with lemon-yellow falls. 10 bulbs, 65 cts.; 100 bulbs, \$5.

Miscellaneous Bulbs

Camassia

Graceful flowers borne loosely on a sturdy spike, flowering in early June.

CUSICKII. Pale lavender starry flowers, with yellow anthers; a robust-growing variety with tall spikes. Height 2 to 3 ft. 25 bulbs, \$1.75; 100 bulbs, \$5.60; 1,000 bulbs, \$45.

ESCULENTA. Soft marine-blue; useful for naturalizing in grass. Height 14 in. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$7.

Chionodoxa · Glory-of-the-Snow

An early-flowering spring bulb for borders or rockwork. The bulbs are small and should be planted closely for effect. The flowers are borne loosely on a small spike 4 to 5 inches high.

GIGANTEA. Soft lavender-blue with whitish center. 25 bulbs, 40 cts.; 100 bulbs, \$1.30; 1,000 bulbs, \$11.

LUCILIÆ. Deep blue with white center. 25 bulbs, 40 cts.; 100 bulbs, \$1.30; 1,000 bulbs, \$11.

LUCILIÆ ALBA. Charmingly beautiful flowers of snowy white; a rare variety. 25 bulbs, \$5.30; 100 bulbs, \$20.

SARDENSIS. True gentian-blue; very striking. 25 bulbs, 40 cts.; 100 bulbs, \$1.30; 1,000 bulbs, \$11.

Freesia

Tender bulbs, with racemes of graceful flowers of delicious fragrance. Plant six to eight bulbs in a 5- or 6-inch pot, and keep slightly shaded until growth begins, and then bring to full sunshine and heat.

CHAPMANII. Soft yellow, flushed darker yellow, with orange blotch. 10 bulbs, \$1.50; 100 bulbs, \$14.

PURITY. Snow-white flowers, with very small yellow blotch. The finest white Freesia. 25 bulbs, 85 cts.; 100 bulbs, \$3; 1,000 bulbs, \$24.

TUBERGENI (Type). Soft rosy lilac, with white throat and dull yellow blotch. 10 bulbs, \$1.60; 100 bulbs, \$15.

TUBERGENI AMETHYST. A soft shade of lavender or mauve; a very lovely color. 10 bulbs, \$1.60; 100 bulbs, \$15.

Galanthus · Snowdrop

Very early-flowering bulbs, splendid for permanent planting in borders or grass. They often bloom in early March, before the snow is off the ground. A bed of Snowdrops is a desirable addition to the garden. The bulbs should lie very close together, and be set 6 to 9 inches deep, in unfertilized soil.

ELWESII. Very large and round, pure white flowers marked green; the handsomest of the Snowdrops, and best for growing in pots. Fine for naturalizing. 25 bulbs, 30 cts., 100 bulbs, \$1; 1,000 bulbs, \$8.

NIVALIS. White flowers on drooping stems. 25 bulbs, 25 cts.; 100 bulbs, 85 cts.; 1,000 bulbs, \$7.

Ixiolirion

TATARICUM. Very showy, hardy, bulbous plant, bearing deep blue flowers in May and June. Thrives in sunny situations, but needs slight covering. 25 bulbs, 40 cts.; 100 bulbs, \$1.25; 1,000 bulbs, \$8.50.

Lily-of-the-Valley

If used for forcing the pips need to be frozen before potting, if they are to succeed best. Not ready for delivery until November.

BERLIN PIPS. Cream Quality strain, especially selected for forcing. The best sort for growing in pots for home adornment. 25 bulbs, 75 cts.; 100 bulbs, \$2.50; 1,000 bulbs, \$21.

FORTIN'S VARIETY. A very superior type, with much larger bells, on a long, stiff stalk. The finest for outdoor planting; not at its best until the second year. Should not be forced until after the middle of February, or it will go blind. 25 bulbs, \$1; 100 bulbs, \$3.25; 1,000 bulbs, \$28.

Muscari . Grape Hyacinth

Drooping, bell-like flowers in hyacinth-like heads, flowering during late April. Fine for massing or border edgings.

BOTRYOIDES ALBUM. Pure white. 25 bulbs, 40 cts.; 100 bulbs, \$1.25; 1,000 bulbs, \$8.

HEAVENLY BLUE. Bright blue and very fragrant; needs to be established to flower freely. 25 bulbs, 50 cts.; 100 bulbs, \$1.50; 1,000 bulbs, \$12.

PLUMOSUM. Plumed Hyacinth. Broad, tassel-like heads of an attractive mauve. 25 bulbs, 30 cts.; 100 bulbs, \$1; 1,000 bulbs, \$8.50.

Scilla

CAMPANULATA (WOOD HYACINTH)

Bearing spikes of bell-like flowers 15 inches high during early May. Plant 5 or 6 inches deep in shady situations. Very effective for borders; will grow under fir or pine trees.

ALBA MAXIMA. Clear white, with very fine, large bells. 25 bulbs, 40 cts.; 100 bulbs, \$1.40; 1,000 bulbs, \$10.

BLUE QUEEN. Erect spikes of porcelain-blue bells; strong grower. 25 bulbs, 50 cts.; 100 bulbs, \$1.75; 1,000 bulbs, \$12.

EXCELSIOR. Bright deep blue, with large bells. 25 bulbs, 40 cts.; 100 bulbs, \$1.40; 1,000 bulbs, \$10.

ROSE QUEEN. Bells of soft lilac-rose; very pretty. 25 bulbs, 60 cts.; 100 bulbs, \$2; 1,000 bulbs, \$15.

NUTANS

Arching spikes with drooping, bell-like flowers. Splendid for naturalizing. Plant 5 to 6 inches deep. May-flowering. Height 15 in.

ALBA MAJOR. Pure white. 25 bulbs, 40 cts.; 100 bulbs, \$1.25; 1,000 bulbs, \$8.

CÆRULEA. The English Bluebell. Dark violet-blue. 25 bulbs, 40 cts.; 100 bulbs, \$1.25; 1,000 bulbs, \$8.

MAJOR. Bright deep blue; large bells and spike. 25 bulbs, 50 cts.; 100 bulbs, \$1.40; 1,000 bulbs, \$10.

ROSEA GRANDIFLORA. Pale flesh-pink; large bells; very beautiful. 25 bulbs, 50 cts.; 100 bulbs, \$1.60; 1,000 bulbs, \$12.

SIBIRICA (THE SIBERIAN SQUILL)

Spikes of small, drooping, bell-like flowers 3 to 4 inches high. Fine for masses in borders, or for naturalization. Useful as edgings for the bulb beds, and very successful in the rock-garden. Plant 2 inches deep. April-flowering.

BLUE. Bright blue flowers. A mass of these bulbs, planted closely, provides a sheet of brilliant blue in early spring. 25 bulbs, 50 cts.; 100 bulbs, \$1.60; 1,000 bulbs, \$13.

WHITE. Pure white. Very effective when massed among breadths of the blue variety. 25 bulbs, 50 cts.; 100 bulbs, \$1.60; 1,000 bulbs, \$13.



Bedding Plants

Owing to many requests from my customers for plants to be used either in conjunction with bulbs, or to fill beds after bulbs have been lifted, I have arranged for the following plants to be grown and supplied to me. I guarantee them all to be of the same high quality as my bulbs. These can be shipped only by express, charges from nursery to be paid by the purchaser.

FOR FALL DELIVERY

For fall planting between the bulbs, to bloom the following spring after the bulbs have flowered. Delivered in the fall with the bulbs.

ENGLISH DAISY (*Bellis perennis*). White, pink or red double flowers; one of the best and showiest bedding plants, giving a profusion of bloom over a long season. Also excellent as an edging with forget-me-nots for the main part of the bed. 10 plants, 50 cts.; 100 plants, \$4.

FORGET-ME-NOT (*Myosotis palustris*). Natural sky-blue flowers remaining in bloom a long time. Planted between the early flowering tulips they prolong the beauty of the bed continuously from May until frost. After the tulips have bloomed cut away the foliage and have a superb bed of this beautiful blue all summer. 10 plants, 75 cts.; 100 plants, \$6.

ROCK CRESS (*Arabis alpina*). Forms a low, dense bed of pure white flowers; blooms a long time, and is fine for cutting. 10 plants, 75 cts.; 100 plants, \$6.50.

PANSY. Strong clumps of carefully selected large-flowering sorts; marvels of color and texture. A continuous carpet of bloom from early spring until frost. 10 plants, 50 cts.; 100 plants, \$4.

PHLOX DIVARICATA. Soft lavender-blue flowers, blooming with the late tulips; especially fine with the yellow Cottage and Breeder varieties. Once established, it thrives without care. 10 plants, \$2; 100 plants, \$15.

VIOLA. Bedding varieties. Forms thick clumps covered with pansy-like flowers. Separate colors: White, yellow, purple. 10 plants, 50 cts.; 100 plants, \$4.

THE BLUE BOOK OF BULBS

BEDDING PLANTS FOR SPRING DELIVERY

For planting in the spring after the bulbs have finished blooming and have been taken up. Delivery will be made about the time the bulbs have finished.

ASTERS. Best branching sorts, in separate colors or mixed. 10 plants, 25 cts.; 100 plants, \$1.50.

FOUR-O'CLOCKS. The handsome, old-fashioned kind. Do not mind being in a shady place. Plant 20 inches apart. 10 plants, 25 cts.; 100 plants, \$1.50.

ZINNIAS. New Giant-flowering. Mixed colors. 10 plants, 25 cts.; 100 plants, \$1.50.

VERBENAS. In separate colors or mixed. A continuous sheet of bloom until frost. 10 plants, 25 cts.; 100 plants, \$1.50.

GERANIUMS. Only newest varieties; colors to suit all arrangements. Single plant, 15 cts.; 10 plants, \$1.25.

HELIOTROPE. A very fragrant and exceptionally large-flowering strain. Single plant, 10 cts.; 10 plants, 75 cts.

PETUNIAS. The single-flowering kinds for massing. In colors or mixed. Single plant, 10 cts.; 10 plants, 75 cts.; 100 plants, \$6.

SCARLET SAGE. Fine, strong plants. Single plant, 10 cts.; 10 plants, 75 cts.; 100 plants, \$6.

SNAPDRAGON. Intermediate varieties, growing from 15 to 20 inches. Exceptionally handsome kinds for summer bedding, flowering continuously even through light frosts. In separate colors: Pink, white, yellow, crimson, orange-scarlet. Single plant, 15 cts.; 100 plants, \$12.50.

CANNAS. Strong-growing plants. The very finest sorts supplied in any desired color and height, as may be selected. 10 plants, \$1.50; 100 plants, \$12.50.

*The McFarland Publicity Service,
Harrisburg, Pa.*



